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BLTMEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. OCT 87  
UNCLASSIFIED USAFETAC/DS-87-064

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USAR 723408

USAFETAC/DS-87/064

AD-A188 223

OPERATING LOCATION - A

**USAFETAC**

**Air Weather Service (MAC)**



REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

BLYTHEVILLE AFB AR

MSC #723408

N 35 58

W 089 57

ELEV 255 FT

KBYH

PARTS A - F

HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JUL 77 - JUN 87

SUMMARY OF DAY DATA: SEP 42 - DEC 45, NOV 55 - MAY 58  
DEC 59 - JUN 87

OCT 1987

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REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
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- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
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- 13b. Time Covered: Sep 42-Dec 45, Nov 55-May 58, Dec 59-Jun 87.
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17. COSATI Codes: Field--04, Group--02
18. Subject Terms: \*climatology; \*weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Blytheville AFB Arkansas; USAR723408.
19. Abstract: A six-part statistical data summary of surface weather observations for: Blytheville AFB Arkansas. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
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21. Abstract Security Classification: UNCLASSIFIED.
- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD



**REVIEW AND APPROVAL STATEMENT**

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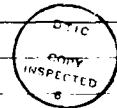
This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read 'Walter S. Burgmann', with a long horizontal flourish extending to the right.

WALTER S. BURGANN  
Scientific and Technical Information Program Manager

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STATION NAME: BLYTHEVILLE AFB AR

STATION NUMBER: 723402

CALL ID: KRYM

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

POLELY OBSERVATIONS: JUL 77 - JUN 87

SUMMARY OF DAY DATA: SEP 4 - DEC 45, NOV 55 - MAY 59, DEC 59 - JUN 67

TIME CONVERSION LST TO GMT: +6

DATE PRODUCED: 16 OCT 1997

OL-A/USAFETAC/MAC/AWS  
ASHEVILLE NC 28901

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD ON RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE SUMMARY IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-FOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0900, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-R3-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSW01).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSHC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 6-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS UATSVC OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO OR SUMMARY 723408		STATION NAME BLYTHEVILLE AFB ARKANSAS		LATITUDE N 35 58		LONGITUDE W 089 57		FIELD ELEV (FEET) 254		CALL SIGN BYH		GRID REFERENCE	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		DGS PER DAY				
			FROM	TO			FIELD (FT)	ST. MARK					
1.	Blytheville AAF, Arkansas	AAF	Sep 42	Apr 45	N 35 48	W 089 52	254	N/A	24				
2.	Same	AAF	Jul 45	Dec 45	Same	W 089 57	Same	N/A	14				
3.	Blytheville AFB, Arkansas	AFB	Nov 55	Mar 56	N 35 48	W 089 58	264	N/A	24				
4.	Same	AFB	Apr 56	Jul 56	Same	Same	Same	253	24				
5.	Same	AFB	Aug 56	Jan 60	Same	W 089 57	Same	Same	24				
6.	Same	AFB	Feb 60	Dec 73	Same	Same	254	254	24				
7.	Same	AFB	Jan 74	Feb 78	Same	Same	Same	Same	24				
8.	Same	AFB	Mar 78	Jun 87	Same	Same	Same	Same	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSDUCER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 55	Located on top of Base Operations Bldg.	AN/GMQ 1	ML-2048	30 Ft	
2	Apr 58	Located 3300 ft NNE of Mea Station	AN/GMQ 1	RO-2	15 Ft	
3	Feb 60	Located about 80 ft E of Runway, NE of Weather Station	Same	Same	12 Ft	
4	Apr 60	Located across active Runway 1/2 Mile E of Base Operations Bldg.	Same	Same	15 Ft	
5	Apr 63	Located E of Base Oper at the center and S end of active runway	GMQ-11	RO-2	15 Ft	
6	Apr 64	Located E of Base Operations at the N & S end of active Runway.	Same	Same	Same	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SOURCE AND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT. ABOVE GROUND	
7	Jan 70	Dual Instrumented 1. Located 500 ft W of centerline 225 ft from end of Rwy 35 2. Located 500 Ft W of centerline 1000 Ft from end of Rwy 17.	AN/GMQ11	RO-2	15 Ft	Changed to reflect correct equipment nomenclature.
8	Feb 78	1. Same 2. Same	Same	Same	Same	
9	Mar 83	Dual Instrumented 1. Located 500 Ft West of center- line, 225 Ft from end of Rwy 36. 2. Located 500 Ft West of center- line, 1000 Ft from end of Rwy 18.	AN/GMQ11	RO-2	Same	
10	Jan 85	1. Same 2. Same	AN/GMQ20	RO-362	Same	

FORM 6410

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	AAAAAAAAAA
PF	AAAAAAAAAA	RP RR	TT	AAAAAAAAAA
PF	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HALE: ALL REPORTED HALE.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLowing SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENON PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".00" INDICATES LESS THAN .00% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1969) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN

HOURLS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	7.6	1.4	6.1		14.1	17.6	1.9	1.3		19.6	930
03-05	.3	5.3	1.6	4.0		10.4	18.5	2.4	1.1		10.5	930
06-08		5.6	1.3	5.4		11.7	28.0	6.1	1.4	.1	22.3	930
09-11		5.4	.5	7.0		12.3	25.1	12.4	1.4		24.9	930
12-14		8.5	.8	6.7		15.1	18.0	9.0	1.1		26.5	930
15-17	.5	8.2	1.4	4.9		14.0	19.0	7.6	1.3		25.9	930
18-20	.9	8.6	2.4	4.0		14.6	16.5	5.4	1.3		21.2	930
21-23	.5	7.7	2.4	5.1		14.6	16.9	3.0	1.2		20.2	930
TOTALS	.4	7.1	1.5	5.4		13.4	20.0	6.0	1.2	.3	25.1	7440

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB

HOURLS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	6.5	1.4	3.9		13.6	20.9	3.1	1.3		13.6	846
03-05	.5	7.7	1.5	4.3		13.1	22.8	2.4	1.5		24.7	846
06-08		8.4	.7	6.5		15.2	32.6	9.0	1.2		38.4	846
09-11		9.9		5.8		15.2	29.1	18.4	1.4		42.6	846
12-14	.4	8.9	.2	4.7		13.6	21.9	16.7	.8		25.8	846
15-17	.6	8.9	.5	5.7		14.5	19.0	13.8	.9		30.9	846
18-20	.4	7.8	.4	5.2	.1	12.9	20.9	10.0	.6		28.0	846
21-23	1.1	10.8	1.2	5.0		16.4	19.9	3.9	.6		22.5	846
TOTALS	.5	8.9	.7	5.1	.1	14.3	23.4	9.7	1.1		30.8	6768

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DLST 6/0R SAND	% OBS W/CLST TO VISION	TOTAL OBS
01-02	.8	9.5		.4		9.8	13.4	3.9	.1		14.9	930
03-05	.6	9.1	.1	.6		9.7	14.5	3.1			16.1	930
06-08	.9	10.5	.1	.9		11.4	27.4	9.5	.1		21.8	930
09-11	1.1	10.4	.1	1.5		12.0	16.3	13.8	.3		26.6	930
12-14	.3	9.2		1.6		10.9	11.3	10.1	.3	.1	20.1	930
15-17	.5	10.2		1.1		11.3	11.9	11.5	.3		20.3	930
18-20	.5	9.6		.6		10.1	11.0	8.0	.3		16.8	930
21-23	1.4	9.8		.3		10.1	10.4	4.3	.3		13.2	930
TOTALS	.8	9.8	.0	.9		10.7	14.5	8.0	.2	.0	20.0	7440

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DLST 6/0R SAND	% OBS W/CLST TO VISION	TOTAL OBS
01-02	2.6	12.6				12.6	9.3	2.3			11.2	906
03-05	3.1	11.7				11.7	12.1	2.0			13.1	900
06-08	.3	9.6				9.6	16.2	8.9			22.9	900
09-11	1.3	9.4				9.4	9.3	7.6			15.2	900
12-14	1.7	8.7				3.7	5.1	5.9			10.4	900
15-17	2.2	7.8				7.8	3.2	3.8		.3	7.1	900
18-20	3.2	9.1				9.1	3.9	4.2			7.6	900
21-23	2.9	10.1				10.1	4.3	3.3			7.2	900
TOTALS	2.2	9.9				9.9	8.2	4.8		.0	11.6	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSI TO VISION	TOTAL OBS
00-02	3.7	7.3				7.3	13.4	4.7			16.6	930
03-05	2.6	9.0				9.0	25.2	6.2		.1	26.9	930
06-08	2.5	11.2				11.2	30.4	17.2			41.0	930
09-11	2.2	7.7				7.7	11.2	16.7		.4	26.7	930
12-14	3.1	8.5				8.5	4.5	12.7		.9	17.3	930
15-17	3.7	8.0				8.0	4.8	10.4		.4	15.1	930
18-20	4.9	8.8			.1	8.8	8.9	9.5			16.0	930
21-23	4.0	8.3				8.3	9.7	6.6			15.2	930
TOTALS	3.3	8.6			.0	8.6	13.5	10.4		.2	22.1	7440

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSI TO VISION	TOTAL OBS
00-02	1.7	3.2				3.2	9.8	9.1			17.3	900
03-05	1.6	3.2				3.2	22.0	13.9			30.8	900
06-08	.2	2.0				2.0	24.4	29.7			43.6	900
09-11	1.0	3.6				3.6	5.8	21.1			24.6	900
12-14	4.7	5.0				5.0	2.2	14.2		.1	16.1	900
15-17	2.6	5.7				5.7	1.8	11.6		.1	13.2	900
18-20	2.6	4.7				4.7	3.6	13.2		.1	16.1	897
21-23	1.7	3.5				3.5	6.7	9.5			14.3	897
TOTALS	2.2	3.9				3.9	9.6	15.3		.0	22.0	7194

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL

HOURS (LST)	TSTMS	RAIN 6/0R GRIZZLE	FRZING RAIN 6/0R GRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.1	2.5				2.5	10.9	12.5			19.1	930
03-05	.6	2.2				2.2	26.3	23.1			38.5	930
06-08	.5	2.5				2.5	31.4	41.5			57.0	930
09-11	.5	2.9				2.9	5.8	33.2			36.6	930
12-14	1.8	2.4			.1	2.4	1.0	22.3			23.0	930
15-17	4.1	3.7			.1	3.7	.9	17.3		.2	18.2	930
18-20	4.1	3.9				3.9	1.5	15.7		.1	16.9	930
21-23	1.8	2.9				2.9	4.1	15.2		.1	16.9	930
TOTALS	1.8	2.9			.0	2.9	10.2	72.6		.1	28.3	7440

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG

HOURS (LST)	TSTMS	RAIN 6/0R GRIZZLE	FRZING RAIN 6/0R GRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.1	2.5				2.5	20.6	16.1			28.9	930
03-05	1.6	4.1				4.1	38.7	21.1			45.8	930
06-08	1.8	6.3				6.3	46.5	38.8			53.9	930
09-11	1.3	4.5				4.5	9.6	34.8			40.6	930
12-14	2.0	4.5				4.5	2.8	19.7			21.5	930
15-17	2.5	3.7				3.7	2.3	18.3			19.6	930
18-20	1.7	3.2				3.2	4.3	16.8			21.6	930
21-23	1.2	2.5				2.5	9.0	15.7			20.9	930
TOTALS	1.7	3.9				3.9	16.7	32.9			32.9	7440

GLOBAL CLIMATOLOGY BRANCH  
USAF/LTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CEST TO VISION	TOTAL OBS
00-02	1.0	3.9				3.9	16.3	10.4			21.4	900
03-05	2.0	6.1				6.1	27.1	12.2			32.9	900
06-08	1.8	5.9				5.9	46.1	27.1			56.1	900
09-11	1.3	4.7				4.7	10.3	29.0			36.0	900
12-14	.8	4.6				4.6	3.7	19.6			22.3	900
15-17	1.4	4.1				4.1	3.4	14.6			17.2	900
18-20	1.0	2.4				2.4	5.0	14.8			17.3	900
21-23	.2	2.1				2.1	8.6	13.8			17.7	900
TOTALS	1.2	4.2				4.2	15.1	17.7			27.6	7200

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CEST TO VISION	TOTAL OBS
00-02	.6	7.1				7.1	16.1	6.2			20.5	930
03-05	.6	8.1				8.1	22.8	6.2			25.8	930
06-08	.5	8.3				8.3	36.7	17.4			43.7	930
09-11	1.0	7.7				7.7	16.7	19.0			31.9	930
12-14	.3	7.4				7.4	6.2	12.2			18.4	930
15-17	1.0	7.0				7.0	7.1	8.6			14.4	930
18-20	1.5	5.9				5.9	10.3	5.9			15.3	930
21-23	.4	5.8				5.8	11.9	6.2			16.6	930
TOTALS	.7	7.2				7.2	16.5	10.2			23.3	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV

HOURLS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OP FAZE	BLOWING SNOW	DUST E/OP SAND	% OBS W/CRST TO VISION	TOTAL OBS
00-02	1.2	12.0		.7		12.4	22.0	3.7			24.0	900
03-05	1.3	12.0		.2		13.0	22.9	5.1			25.0	900
06-08	.7	12.3				12.3	25.3	9.2			36.4	900
09-11	.3	11.0		.2		11.2	26.9	14.1			36.4	900
12-14	.1	11.0		.3		11.2	18.9	10.8			26.7	900
15-17	.6	12.1		.4		12.3	19.2	10.4			26.1	900
18-20	.9	12.4				12.4	17.8	6.8			22.0	900
21-23	1.3	14.0		.4		14.3	19.6	4.1			22.0	900
TOTALS	.8	12.2		.3		12.4	22.8	8.0			27.6	7200

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC

HOURLS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OP FAZE	BLOWING SNOW	DUST E/OP SAND	% OBS W/CRST TO VISION	TOTAL OBS
00-02	.3	8.2	1.5	.0		10.3	16.7	.4			16.6	930
03-05	1.1	11.3	1.3	1.5		14.2	17.1	.2	.1		17.3	930
06-08	.4	11.3	1.2	1.9		14.3	27.1	3.5	.5		29.4	930
09-11	.1	10.9	1.1	1.0		13.3	24.9	8.5	.5		30.4	930
12-14		6.6	.6	1.1		10.1	18.5	7.6	.3		25.6	930
15-17	.3	12.0	.6	.9		13.5	18.8	5.3	.2		22.8	930
18-20	.1	10.3	.9	.9		12.3	17.2	2.5			18.9	930
21-23	.3	9.9	1.3	.5		11.6	18.2	.8			16.3	930
TOTALS	.2	10.3	1.1	1.2		12.5	19.9	3.6	.2		22.4	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87  
MONTH: ALL

HOURS (LST)	TSTMS	RAIN L/OP DRIZZLE	FRZING RAIN L/OP DRIZZLE	SNOW L/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OP HAZE	BLOWING SNOW	DUST L/OP SAND	% OBS W/CHST TO VISION	TOTAL OBS
JAN ALL	.4	7.1	1.5	5.4		13.4	20.6	6.0	1.2	.0	75.1	7440
FEB	.5	8.9	.7	5.1	.0	14.3	23.4	9.7	1.1		30.8	6768
MAR	.8	9.8	.0	.9		10.7	14.5	6.0	.2	.0	40.0	7440
APR	2.2	9.4				9.9	8.2	4.6		.0	11.6	7200
MAY	3.3	6.6			.0	6.6	13.5	10.4		.2	12.1	7440
JUN	2.2	3.9				3.9	9.6	15.3		.0	22.0	7194
JUL	1.8	2.4			.0	2.9	10.2	22.6		.1	28.3	7440
AUG	1.7	3.9				3.9	16.7	22.9			32.9	7440
SEP	1.2	4.2				4.2	15.1	17.7			27.6	7200
OCT	.7	7.2				7.2	16.5	10.2			13.3	7440
NOV	.8	12.2		.3		12.4	22.6	8.0			27.6	7200
DEC	.3	10.3	1.1	1.2		12.5	14.8	3.6	.2		22.4	7440
TOTALS	1.3	7.4	.3	1.1	.1	6.7	15.9	11.6	.2	.0	24.5	87642

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 55-87  
MONTH: ALL

MONTH	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSI TO VISION	TOTAL OBS
JAN	5.1	36.4	8.4	19.7		46.1	45.6	33.9	2.4		56.1	960
FEB	7.8	38.2	2.7	14.2	.3	45.7	48.5	39.2	2.2		59.8	876
MAR	13.3	43.6	1.2	6.1	.7	45.5	41.4	34.0	.4		51.2	961
APR	23.1	47.0		.4	1.8	47.0	33.7	26.0			43.8	930
MAY	27.8	44.6			1.5	44.6	37.7	32.6		.2	47.1	960
JUN	28.8	38.7			.9	38.7	38.4	43.6		.3	54.3	900
JUL	28.0	36.7			.9	36.7	46.4	54.3		.1	64.4	899
AUG	22.0	31.6				31.8	58.5	63.2			73.4	699
SEP	13.5	32.9			.1	32.9	57.6	58.1			69.5	866
OCT	6.9	30.8			.1	30.8	48.2	47.5			60.7	894
NOV	8.9	39.7	.1	2.4	.2	40.6	44.4	36.4		.1	53.6	900
DEC	4.6	39.8	3.1	8.2	.1	43.4	44.0	31.2	.6		54.9	943
TOTALS	15.8	38.3	1.3	4.2	.5	40.3	45.4	41.7	.5	.1	57.4	10988



PPPPPPPP	AAAAAA	KKRRRRR	TTTTTTTT	BBBBBPP
PPPPPPPP	AAAAAA	KKRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	KK RR	TT	BB BB
PP PP	AA AA	KK RR	TT	BB BB
PPPPPPPP	AA AA	KKRRRRRR	TT	BBBBBBBB
VPPPPPP	AAAAAAAA	KKRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	KK RP	TT	BB BB
FF	AA AA	KK RR	TT	BB BB
FF	AA AA	KK RR	TT	BBBBBBBB
PP	AA AA	KK RR	TT	BBBBBBBB

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "\*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723ND8 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER	2 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				.10	.10	.25	.50	1.00	2.50	5.00	10.00	20.00	20.00			MEAN	GREATEST	LEAST
JAN	54.1	15.7	2.4	7.2	3.6	5.6	4.6	4.5	1.9	.5				30.3	1054	3.36	8.88	.76
FEB	53.2	12.9	2.3	6.5	3.6	6.9	5.9	5.2	3.2	.3				33.9	961	3.80	9.68	.85
MAR	53.8	12.3	1.7	4.7	4.3	7.6	6.0	5.7	3.4	.5				33.9	1054	4.71	13.09	.18
APR	52.2	11.8	2.7	4.7	3.6	6.2	6.8	7.3	4.4	.3	.1			36.1	1018	5.12	11.20	.47
MAY	54.7	10.8	1.4	5.8	3.5	5.4	7.2	4.9	5.9	.5				34.5	1023	5.44	12.52	.94
JUN	61.3	10.5	1.7	3.6	3.2	4.7	5.6	5.6	2.9	.4				27.8	960	3.93	9.40	1.09
JUL	64.0	11.3	1.0	4.0	3.4	5.5	4.3	3.4	2.9	.2				24.7	971	3.14	6.32	.49
ALG	68.1	9.5	.9	3.8	2.9	4.1	3.7	3.9	2.4	.5				22.4	992	3.27	9.32	.81
SEP	66.4	10.3	1.7	3.6	2.0	4.7	3.2	4.3	3.5	.4				23.3	956	3.81	10.62	.17
OCT	69.6	8.6	1.2	3.8	2.5	4.1	4.3	3.7	1.6	.4				21.8	988	2.87	10.08	.00
NOV	59.8	10.5	1.8	4.1	3.4	5.6	5.4	4.6	3.6	.7				29.3	990	4.41	13.48	.82
DEC	55.4	12.9	2.6	5.3	2.5	6.7	6.6	4.0	3.4	.7				31.7	1049	4.54	11.85	.35
ANN	59.4	11.5	1.8	4.8	3.2	5.6	5.3	4.8	3.3	.4	.0			29.1	12016	48.40		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 138142 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 51-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	3 DAYS WITH HEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
																MEAN	GREATEST	LEAST
JAN	54.1	15.7	2.4	7.2	3.6	5.6	4.6	4.5	1.9	.5				30.3	1054	3.36	8.88	.76
FEB	53.2	12.9	2.3	6.5	3.6	6.9	5.9	5.2	3.2	.3				33.9	961	3.80	9.68	.85
MAR	52.8	12.3	1.7	4.7	4.3	7.6	6.0	5.7	3.4	.5				33.9	1054	4.71	13.09	.18
APR	50.2	11.3	2.7	4.7	3.6	6.2	6.8	7.3	4.4	.3	.1			36.1	1018	5.12	11.20	.47
MAY	54.7	10.9	1.4	5.8	3.5	5.4	7.2	4.9	5.9	.5				34.5	1023	5.44	12.52	.94
JUN	61.3	10.9	1.7	3.6	3.2	4.7	5.6	5.6	2.9	.4				27.8	960	3.93	9.40	1.09
JUL	64.0	11.3	1.0	4.0	3.4	5.5	4.3	3.4	2.9	.2				24.7	971	2.14	6.32	.49
AUG	68.1	9.5	.9	3.8	2.9	4.1	3.7	3.9	2.4	.5				22.4	992	3.27	9.32	.81
SEP	66.4	10.3	1.7	3.6	2.0	4.7	3.2	4.3	3.5	.4				23.3	956	3.81	10.82	.17
OCT	69.6	8.6	1.2	3.8	2.5	4.1	4.3	3.7	1.6	.4				21.8	988	2.87	10.08	.00
NOV	59.8	10.9	1.8	4.1	3.4	5.6	5.4	4.6	3.6	.7				29.3	990	4.41	13.48	.82
DEC	55.4	12.9	2.6	5.3	2.5	6.7	6.6	4.0	3.4	.7				31.7	1049	4.54	11.85	.35
ANN	59.4	11.5	1.8	4.8	3.2	5.6	5.3	4.8	3.3	.4	.3			29.1	12016	48.40		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42										.00		1.06	
43	1.00	.49	1.78	.84	1.72	.78	1.34	.77	.87	.25	.68	.97	1.78
44	.94	2.64	1.82	1.86	1.07	.96	1.61	.64	1.71	.84	1.45	2.69	2.69
45	.97	1.05	1.72	*2.07			*.62	.42	1.01	1.00	.44	*.25	
55											.73	1.46	
56	3.50	3.28	1.22	1.24	.88	1.18	.32	.56	.11	.69	1.78	.70	3.50
57	1.88	1.40	.47	3.52	2.91	1.66	3.10	3.43	2.48	2.45	4.33	3.00	4.33
58	2.98	1.75	3.44	1.25	2.11								
59												*.35	
60	1.11	.54	.95	.68	1.71	1.53	.35	1.45	1.98	.53	2.86	2.21	2.86
61	.54	1.12	1.78	1.06	1.70	1.54	.72	1.19	.51	.27	4.39	2.47	4.39
62	1.72	2.92	2.23	1.40	.41	1.16	.44	1.38	2.52	.79	.33	.50	2.92
63	.29	.57	2.55	1.33	2.20	1.67	.45	.65	.50	.31	.89	.75	2.55
64	.61	.84	3.28	2.45	1.39	.45	2.21	3.21	2.43	.11	2.39	1.91	3.28
65	2.57	2.43	1.84	.88	1.57	.93	2.05	.79	3.55	.39	3.85	.35	3.85
66	4.16	1.59	.11	1.85	1.79	1.43	.57	2.03	1.13	.34	.92	2.81	4.16
67	1.00	.63	1.80	1.11	2.05	1.06	2.17	.59	3.10	2.59	1.29	1.90	3.10
68	.47	2.35	1.98	1.53	2.32	1.96	1.25	1.19	1.72	1.37	1.77	1.39	2.35
69	2.66	.79	1.95	2.16	.73	.99	1.40	2.26	1.00	.95	2.10	1.57	2.66
70	.70	1.42	1.54	2.81	.41	3.58	2.46	1.88	4.07	1.47	.81	1.34	4.07
71	.48	1.77	.90	.89	1.51	.70	1.50	.86	*.45	*.18	.51	2.31	2.31
72	.62	1.22	1.29	1.29	.71	1.95	1.31	.64	2.21	1.72	.97	2.88	2.88
73	1.24	1.29	1.80	2.41	2.63	.46	1.16	.48	1.78	.62	2.54	1.56	2.63
74	2.39	.94	.78	5.18	1.95	1.70	.71	2.63	.30	.55	1.10	.26	5.18
75	1.01	1.16	4.61	1.48	1.68	.70	1.21	3.40	1.23	1.36	1.35	1.83	4.61
76	1.14	2.43	2.46	.26	1.70	2.83	1.41	.45	.34	3.42	.96	.53	3.42
77	.52	.63	2.18	.75	1.87	2.21	2.51	1.01	2.17	.62	1.29	.89	2.51
78	1.69	.52	1.60	2.16	2.05	1.07	2.24	3.11	1.04	.36	1.65	4.07	4.07
79	1.02	1.30	1.07	3.46	3.21	.75	1.30	.32	2.39	.77	1.53	1.62	3.46
80	.93	1.01	.92	.97	1.29	1.13	.25	1.48	1.27	4.11	1.81	1.60	4.11

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

24 HOUR AMOUNTS IN INCHES													
YEAR	-M-O-N-T-H-S-												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
81	.59	.96	.96	1.41	1.38	3.14	1.35	1.86	.08	2.27	1.26	1.17	3.14
82	1.41	1.08	.57	2.31	2.76	1.18	1.99	1.30	.90	.42	1.48	3.77	3.77
83	.82	.76	1.10	2.20	2.91	2.63	.89	.89	1.00	1.53	3.29	2.16	3.29
84	1.68	1.37	1.51	1.69	1.57	.74	.75	1.81	2.32	2.47	.86	1.05	2.47
85	.69	1.00	.97	1.39	1.18	1.78	1.21	2.10	1.18	1.10	1.58	.91	2.10
86	1.15	.91	1.01	.75	1.07	.79	.92	.71	.47	2.61	2.35	1.67	2.61
87	.31	1.53	1.28	1.15	1.03	2.31							
MEAN	1.317	1.344	1.631	1.689	1.681	1.467	1.327	1.422	1.528	1.235	1.683	1.678	3.251
S.D.	.938	.724	.901	.993	.712	.785	.730	.934	1.014	1.016	1.065	.945	.820
TOTAL OBS	1054	961	1054	1018	1023	960	971	992	956	988	990	1049	12016

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MJC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						JUN	JUL						
42										0.00		4.86	
43	2.19	.95	7.14	3.24	6.44	2.20	1.48	1.68	2.98	.67	1.23	4.00	34.20
44	1.41	8.09	6.62	6.92	2.77	2.71	2.72	1.93	3.02	.89	4.46	8.82	50.26
45	2.90	6.24	7.48	*7.22			*1.01	1.26	4.20	2.28	.82	*.37	
55											1.88	2.19	
56	5.31	9.60	1.95	5.92	2.62	3.43	.71	1.93	.20	1.34	3.25	3.05	39.29
57	8.46	6.29	1.78	8.08	12.52	6.23	6.32	6.49	5.67	5.22	13.48	6.62	87.16
58	5.34	3.60	8.27	5.72	6.28								
59												*.35	
60	3.09	2.41	2.64	1.87	4.87	6.49	1.52	3.63	3.03	1.71	5.42	5.63	42.26
61	.76	5.40	8.64	3.33	5.99	5.90	2.88	3.00	1.04	.54	9.33	6.40	53.21
62	4.63	8.99	6.44	3.77	.94	6.28	1.49	3.68	6.79	2.64	1.16	.95	47.76
63	.96	.85	5.94	2.20	5.25	2.87	.68	1.33	1.05	.61	2.15	2.25	26.14
64	2.24	2.56	8.30	7.67	4.28	1.09	5.14	6.28	5.11	.30	4.38	5.17	52.52
65	4.50	5.19	5.76	2.64	3.46	1.88	6.14	1.78	10.82	.69	5.27	1.14	49.27
66	7.83	4.82	.18	7.84	5.65	2.62	1.55	4.75	2.27	.93	1.83	6.03	46.30
67	1.35	2.14	3.95	3.81	5.99	2.38	6.18	2.01	7.40	3.84	2.56	5.72	47.33
68	2.05	2.62	4.21	5.54	6.93	3.59	2.80	1.97	6.01	2.86	4.28	5.91	48.77
69	8.88	2.08	2.48	6.46	1.84	3.50	3.32	4.85	2.00	2.08	4.46	6.01	47.56
70	1.30	3.40	4.57	6.64	1.99	9.16	3.59	4.74	7.94	5.36	2.25	5.72	56.66
71	1.64	5.29	2.74	2.29	4.96	3.35	4.06	2.84	*.58	*.27	1.41	4.76	*33.59
72	2.25	1.91	4.13	4.70	2.84	3.04	4.24	1.49	4.94	7.19	4.79	6.56	48.08
73	3.57	2.91	6.80	8.12	8.23	1.63	2.70	.81	4.21	1.50	8.52	5.21	54.21
74	6.96	2.83	3.45	8.26	7.94	5.33	3.95	9.32	1.13	.99	4.13	1.60	55.89
75	3.14	4.48	13.09	3.22	5.21	2.16	2.71	7.98	4.08	2.48	4.26	3.58	56.39
76	2.70	4.06	6.03	.47	4.22	6.63	4.82	1.44	1.00	6.61	1.61	1.34	40.93
77	1.96	1.36	4.98	3.48	4.14	4.46	3.93	2.79	8.75	1.62	5.61	2.27	45.35
78	5.96	1.78	4.14	5.54	7.19	3.37	5.46	6.88	1.11	.78	6.17	11.85	60.23
79	3.53	5.05	3.90	8.51	9.66	1.61	3.95	.83	4.74	2.03	4.30	3.58	51.69
80	2.12	1.63	5.95	4.76	2.91	1.88	.49	1.73	5.57	5.25	4.62	2.10	39.01

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

TOTAL MONTHLY PRECIPITATION IN INCHES												
-M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ALL MONTHS
81	1.76	2.77	2.59	3.10	6.67	9.40	3.52	4.14	.17	4.63	2.70	43.30
82	6.65	2.43	1.81	7.17	8.25	3.98	4.57	2.85	1.48	1.41	7.11	57.06
83	1.77	2.10	2.03	11.20	9.92	3.59	1.08	1.02	1.10	3.80	8.23	52.56
84	2.10	2.60	4.66	4.33	6.21	1.58	1.19	3.79	5.43	10.08	3.87	49.42
85	2.81	3.78	2.72	5.80	3.47	5.05	2.39	3.35	3.90	3.74	4.63	43.16
86	1.28	3.38	2.38	4.19	6.90	3.69	1.65	1.94	1.05	4.84	5.22	39.97
87	1.35	5.45	2.27	2.22	3.10	4.82						
MEAN	3.357	3.800	4.706	5.122	5.444	3.934	3.136	3.266	3.813	2.868	4.406	48.885
S.D.	2.289	2.200	2.645	2.431	2.584	2.108	1.714	2.179	2.723	2.345	2.703	10.349
TOTAL OBS	1054	961	1054	1018	1023	960	971	992	956	988	990	12016

NOTE \* (BASED ON LESS THAN FULL MONTHS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

AMOUNTS IN INCHES																		
MONTH	NONE	TRACE	0.1	0.5	1.5	2.5	3.5	4.5	6.5	10.5	15.5	25.5	OVER	% DAYS WITH MEAS AMTS	TOTAL	MONTHLY AMOUNTS		
			TO 0.4	TO 1.4	TO 2.4	TO 3.4	TO 4.4	TO 6.4	TO 10.4	TO 15.4	TO 25.4	TO 50.4	50.4		OBS	MEAN	GREATEST	LEAST
JAN	80.6	11.2	2.2	2.8	1.3	1.0	.4	.3	.2					8.2	1053	3.8	16.4	TRACE
FEB	85.6	8.7	1.9	1.9	.6	.8	.1	.4						5.8	956	2.5	12.0	.0
MAR	94.0	3.5	.8	.5	.5	.1	.3	.3	.1					2.5	1054	1.6	13.9	.0
APR	99.6	.3	.1											.1	1018	TRACE	.3	.0
MAY	100.0														1022	.0	.0	.0
JUN	100.0														960	.0	.0	.0
JUL	100.0														971	.0	.0	.0
AUG	100.0														992	.0	.0	.0
SEP	100.0														956	.0	.0	.0
OCT	100.0														987	.0	.0	.0
NOV	97.8	1.5	.3	.1	.1	.2								.7	990	.3	5.5	.0
DEC	90.8	6.7	.3	1.3	.4	.3	.1		.1					2.5	1049	1.2	8.1	.0
ANN	95.7	2.7	.5	.5	.2	.2	.1	.1	.0					1.6	12008	5.4		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-67

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42												TRACE	
43	*4.0	TRACE	TRACE	.0	*.0	.0	.0	.0	.0	.0	TRACE	TRACE	*4.0
44	2.3	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.3
45	.5	*TRACE	.0	*.0			*.0	.0	.0	.0	.0	*TRACE	
55												TRACE	
56	6.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	6.0
57	.1	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	.2
58	1.9	3.5	.1	.0	.0								
59												*.0	
60	6.7	5.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.7
61	1.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
62	1.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.0
63	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.6
64	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.3
65	1.8	5.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
66	3.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.0
67	1.0	1.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0
68	2.0	1.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
69	TRACE	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	3.1	3.1
70	2.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5
71	1.0	2.0	9.0	.3	.0	.0	.0	.0	*.0	*.0	2.6	.9	9.0
72	.8	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.5	.8
73	2.5	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.1	3.1
74	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	.8
75	.3	1.0	3.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	3.0
76	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.3	TRACE	3.3
77	5.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
78	4.1	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.1
79	3.0	4.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
80	1.5	2.8	3.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72340E STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-67

24 HOUR AMOUNTS IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	5.0	4.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
83	3.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.0
84	1.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.5
85	8.2	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.2
86	TRACE	2.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.7
87	3.1	1.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	2.27	1.55	.91	.01	.00	.00	.00	.00	.00	.00	.22	.95	3.22
S.D.	2.050	1.720	2.006	.052	.000	.000	.000	.000	.000	.000	.732	1.502	2.139
TOTAL OBS	1053	956	1054	1018	1022	960	971	992	956	987	990	1049	12008

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42													TRACE
43	*10.2	TRACE	TRACE	.0	*.0	.0	.0	.0	.0	.0	TRACE	TRACE	*10.2
44	2.3	*TRACE	TRACE	.C	.0	.0	.0	.0	.0	.0	TRACE	1.3	3.6
45	.5	*TRACE	.0	*.C			*.0	.0	.0	.0	.0	*TRACE	
55											.0	TRACE	
56	10.1	TRACE	TRACE	.C	.0	.0	.0	.0	.0	.0	TRACE	.0	10.1
57	.1	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	.3
58	2.9	5.2	.1	.C	.0								
59												*.0	
60	8.2	7.5	13.6	.C	.0	.0	.0	.0	.0	.0	.0	4.9	34.2
61	1.0	.9	TRACE	.C	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9
62	1.2	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.0
63	3.1	TRACE	TRACE	.C	.0	.0	.0	.0	.0	.0	.C	6.1	11.2
64	1.6	TRACE	.0	.C	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.6
65	3.1	6.6	10.9	.C	.0	.0	.0	.0	.0	.0	.0	.0	20.6
66	9.6	3.3	TRACE	.C	.0	.0	.0	.0	.0	.0	.0	2.9	15.8
67	1.0	1.2	2.0	.C	.0	.0	.0	.C	.0	.0	.C	2.8	7.0
68	4.4	1.9	2.0	.C	.0	.0	.0	.0	.0	.0	.0	.0	6.3
69	TRACE	3.5	TRACE	.C	.0	.0	.0	.C	.0	.0	1.6	1.1	10.2
70	4.2	.4	.7	.C	.0	.C	.C	.0	.0	.0	.0	TRACE	5.3
71	1.0	2.7	13.9	.3	.0	.0	.0	.0	*.0	*.0	2.6	.9	*21.4
72	.8	.4	TRACE	.C	.0	.0	.0	.C	.0	.0	TRACE	.9	2.1
73	2.7	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.1	5.8
74	.8	.4	.0	.C	.0	.0	.0	.0	.0	.0	TRACE	.8	2.0
75	.3	1.0	6.4	.C	.0	.0	.0	.C	.C	.C	TRACE	1.7	9.4
76	1.0	.7	.0	.C	.0	.0	.0	.0	.0	.0	5.5	TRACE	7.2
77	10.6	TRACE	.0	.C	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.6
78	10.2	9.6	TRACE	.C	.0	.0	.0	.0	.0	.0	.0	1.3	21.1
79	9.6	12.0	TRACE	.C	.0	.0	.0	.0	.0	.0	.0	.0	21.6
80	2.7	4.4	3.8	.C	.0	.0	.0	.0	.0	.0	TRACE	.0	10.9

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72340E STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-67

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	5.0	6.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6
83	5.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	9.4
84	1.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.7
85	16.4	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	23.1
86	TRACE	2.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.7
87	3.4	1.2	1.0	.0	.0	.0							
MEAN	3.78	2.46	1.61	.01	.00	.00	.00	.00	.00	.00	.30	1.20	9.60
S.D.	4.069	3.194	3.791	.052	.000	.000	.000	.000	.000	.000	1.070	1.405	8.276
TOTAL OBS	1053	956	1054	1018	1022	960	971	992	956	987	990	1049	12008

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

MONTH	AMOUNTS IN INCHES														OVER	% DAYS WITH MEAS- AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	121 TO 170	171 TO 255				MEAN	GREATEST	LEAST
JAN	75.7	8.2	6.3	4.9	2.8	1.8	.3									16.1	1054			
FEB	84.6	7.8	3.1	1.4	1.0	1.6	.5									7.6	961			
MAR	96.9	.8	.5	1.0	.6	.4										2.4	1052			
APR	100.0																			
MAY	100.0																			
JUN	100.0																			
JUL	100.0																			
AUG	100.0																			
SEP	100.0																			
OCT	100.0																			
NOV	99.5	.3	.2													.2	1020			
DEC	93.8	2.6	2.6	.6	.1	.1	.3									3.6	1049			
ANN	95.9	1.6	1.1	.7	.4	.3	.1									2.5	12104			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72340E STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

YEAR	DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42									0	0	0	TRACE	
43	6	0	*0	C	0	0	0	0	0	0	0	TRACE	6
44	1	TRACE	TRACE	C	0	0	0	0	0	0	0	1	1
45	TRACE	TRACE	0	*C			*0	0	0	0	0	*TRACE	
55											0	TRACE	
56	4	0	0	C	0	0	0	0	0	C	0	0	4
57	0	TRACE	0	C	0	0	0	0	0	0	0	0	TRACE
58	TRACE	3	0	C	0								
59												*0	
60	8	6	3	C	0	0	0	0	0	0	0	1	8
61	4	TRACE	0	C	0	0	0	0	0	0	0	0	4
62	1	0	TRACE	0	0	0	0	0	0	0	0	1	1
63	2	TRACE	0	C	0	0	0	0	0	0	0	8	8
64	2	0	0	C	0	0	0	0	0	0	0	C	2
65	1	5	6	C	0	0	0	0	0	C	C	0	6
66	4	3	0	C	0	0	0	0	0	0	0	2	4
67	1	1	2	C	0	0	0	0	0	0	0	2	2
68	4	1	1	0	0	0	0	0	0	0	0	0	4
69	0	4	0	C	0	0	0	0	0	0	1	3	4
70	3	TRACE	TRACE	C	0	0	0	0	0	0	0	C	3
71	1	1	4	C	0	0	0	0	*0	*0	TRACE	0	4
72	TRACE	TRACE	0	C	0	0	0	0	0	C	0	TRACE	TRACE
73	3	0	0	C	0	0	0	0	0	C	C	1	3
74	1	TRACE	0	C	0	0	0	0	0	0	0	1	1
75	TRACE	1	5	C	0	0	0	0	0	0	0	1	5
76	1	TRACE	0	C	0	0	0	0	0	0	1	C	1
77	9	C	0	C	0	0	0	0	0	C	0	0	9
78	4	5	0	0	0	0	C	0	0	0	0	1	5
79	4	7	0	C	0	0	0	0	0	0	0	0	7
80	2	3	3	C	0	0	0	0	0	0	0	0	3

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723402 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
82	5	4	0	0	0	0	0	0	0	0	0	0	5
83	4	TRACE	TRACE	0	0	0	0	0	0	0	0	2	4
84	2	TRACE	0	0	0	0	0	0	0	0	0	1	2
85	8	8	0	0	0	0	0	0	0	0	0	TRACE	8
86	0	3	0	0	0	0	0	0	0	0	0	0	3
87	3	1	TRACE	0	0	0	0	0	0	0	0	0	0
MEAN	2.6	1.6	.7	.0	.0	.0	.0	.0	.0	.0	.1	.8	3.7
S.D.	2.488	2.334	1.606	.000	.000	.000	.000	.000	.000	.000	.239	1.121	2.579
TOTAL OBS	1054	961	1052	1018	1023	960	971	992	986	1018	1020	1049	12104

NOTE \* (BASED ON LESS THAN FULL MONTHS)



PPPPPPPP	AAAAA	KKRRRRR	TTTTTTTT	CCCCC
PPPPPPPP	AAAAA	KKRRRRR	TTTTTTTT	CCCCCCC
PP PP	AA AA	KK RR	TT	CC CC
PP PP	AA AA	KK RR	TT	CC
PPPPPPPP	AA AA	KKRRRRR	TT	CC
PPPPPPPP	AAAAAA	KKRRRRR	TT	CC
PP	AAAAA	KK RR	TT	CC
PP	AA AA	KK RR	TT	CC CC
PP	AA AA	KK RR	TT	CCCCCCC
PP	AA AA	KK RR	TT	CCCCC

## SURFACE WIND SUMMARIES

### EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.  
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPLETE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

### BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE  
VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF METEOROLOGICAL CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN  
FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 2-HOUR TIME GROUPS (Y MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY  
LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN  
THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF "0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 57-87

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
57				WSW*38	W 41	N 44	NW 34	NW 33	S 26	WSW 26	W 33	NNW 35	
58	WSW 33	W 42	NNE 25	S 30	SW 28								
59					SW *36	SE 37	WSW 28	W 39	SSW 17	SSW 31	W *35	NNW 28	
60													
61	N 34	SSW 26	WSW 34	W 34	SW *34	WSW 28	WSW 36	NE 28	SSE 37	NNW*26	S *37	N 31	SSE 37
62	N 31	WSW 33	W 32	N 50	NNW 36	W *39	W 27	NNE*26	NE *21	N *22	SSW*20	SSW*27	N 50
63	N 33	N *57	NNW*45	S *32	N *29	N 38	S 33	NNW*35	N *32	SSW 32	SSW 40	NNW*33	N *57
64	S 39	W 34	WSW 40	SE 43	NNW 39	E 39	ENE 36	NE 34	N 32	N 31	S 33	S 32	SE 43
65	NNW 44	N 45	S 40	NNW 47	W 44	N 30	WSW 45	NNW 30	SW 30	W 33	NNW 52	WSW 40	NNW 52
66	S 35	SSE 40	SSW 38	W 42	NNE 39	N *46	SE 41	S 36	NNW 26	NW 34	NNW 35	S 34	N *46
67	WSW 50	SW 59	N 36	WSW 40	NW 53	NW 49	NW 34	WSW 38	NNW 26	S 40	W 36	SW 44	SW 59
68	N 32	NNE 33	SSW 37	S 40	S 52	W 44	36/ 38	17/ 27	14/ 46	21/ 38	21/ 44	31/ 47	S 52
69	25/ 40	30/ 30	10/ 35	13/ 35	23/ 33	18/ 48	32/ 40	19/ 30	17/ 22	2/ 26	31/ 35	36/ 28	18/ 48
70	18/ 40	18/ 35	24/ 40	27/ 41	30/ 33	33/ 47	2/ 38	6/ 36	1/ 37	21/ 36	19/ 39	20/ 31	33/ 47
71	18/ 38	24/ 44	18/ 37	26/ 37	19/ 46	33/ 41	23* 40	14/ 39	1* 16	20* 34	20/ 31	22/ 66	22/ 66
72	20/ 44	20/ 34	27/ 76	24/ 71	31/ 47	30* 44	25* 38	32/ 42	36/ 47	9/ 33	32/ 32	12/ 40	27/ 76
73	28/ 34	36/ 38	12* 46	29/ 46	26/ 48	27/ 46	35/ 32	32/ 39	35/ 25	32/ 32	22/ 40	25/ 46	26/ 48
74	21/ 38	23/ 42	19/ 48	19/ 40	20/ 38	19/ 40	27* 50	17/ 40	19/ 29	36/ 27	20/ 39	18/ 33	27* 50
75	22/ 44	36/ 30	19/ 36	18/ 41	19/ 30	25/ 48	2/ 32	16/ 33	36/ 37	2/ 26	24/ 48	18/ 34	25/ 48
76	24/ 42	21/ 36	27/ 42	3/ 30	18/ 29	20/ 30	30/ 34	9/ 37	34/ 20	33/ 30	18/ 32	34/ 34	24/ 42
77	36/ 33	25/ 56	24/ 49	22/ 35	33/ 51	24/ 48	19/ 24	32/ 27	13/ 33	20/ 28	24/ 31	29/ 41	25/ 56
78	29/ 42	32/ 32	21/ 30	19/ 39	5/ 41	21/ 36	1/ 43	2/ 34	18/ 27	33/ 39	19/ 26	16/ 33	1/ 43
79	27/ 32	1/ 47	15/ 42	23/ 46	31/ 42	23/ 35	13/ 30	34/ 36	36/ 36	22/ 35	18/ 37	18/ 32	1/ 47
80	16/ 35	35/ 40	32/ 40	3/ 42	18/ 36	21/ 32	1/ 34	32/ 37	33/ 42	23/ 34	20/ 32	18/ 30	3/ 42
81	16/ 30	31/ 32	16/ 33	19/ 38	16/ 38	33/ 44	36/ 43	32/ 41	34/ 26	36/ 26	19/ 36	18* 43	33/ 44
82	36/ 35	34/ 28	17/ 32	20/ 46	18/ 48	32/ 53	7/ 32	31/ 25	13/ 27	19/ 29	25/ 36	14/ 41	32/ 53
83	31/ 39	6/ 30	14/ 40	22/ 42	20/ 39	21/ 30	26/ 33	3/ 30	32/ 35	24/ 24	15/ 46	33/ 33	15/ 46
84	36/ 40	31/ 43	31/ 35	24/ 56	31/ 46	12/ 34	2/ 33	24/ 30	32/ 32	30/ 37	16/ 38	19/ 41	24/ 56
85	21/ 37	37/ 37	20/ 40	20/ 43	23/ 37	22/ 47	18/ 40	26/ 28	24/ 28	2/ 25	19/ 29	22/ 40	22/ 47
86	32/ 32	19/ 35	21/ 43	11/ 34	18/ 47	21/ 34	28/ 39	25/ 30	20/ 35	21/ 29	1/ 31	36/ 25	18/ 47

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 57-87

DAILY PEAK GUSTS IN KNOTS													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
87	20/ 34	20/ 44	11/ 30	30/ 34	26/ 35	28/ 40							
MEAN	37.1	38.0	38.8	41.6	40.6	40.1	35.2	33.8	31.1	31.2	36.4	36.8	48.7
S.D.	4.564	7.954	9.307	8.350	7.029	7.099	5.210	4.907	7.507	4.639	6.145	8.418	5.169
TOTAL OBS	867	783	853	842	898	854	849	857	816	850	823	851	10143

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
0	1.4	3.9	3.9	5.1	1.0	.6		15.8	10.0
NNE	.8	1.6	1.8	1.5	.1			5.8	8.1
NE	.6	1.1	1.1	.6	.1			3.5	7.2
ENE	.8	1.6	1.2					3.4	5.2
E	1.3	1.1	.9	.1				3.3	5.2
ESE	.3	1.2		.1				1.6	4.7
SE	.5	.9	.2					1.6	3.9
SSE	.5	1.3	.5	.2		.2		2.9	7.1
S	1.9	1.7	.9	.9	.2			5.6	6.2
SSW	1.2	4.5	3.5	1.6	.1	.1		11.1	7.1
SW	1.6	2.9	1.5	.2		.1		6.3	5.5
WSW	1.3	1.3	.3	.2				3.1	4.7
W	1.6	1.8	.6	1.2	.3			5.6	7.2
WNW	1.2	1.4	1.1	1.3	.1	.1		5.2	8.0
NW	1.2	1.5	2.5	1.4	.5			6.9	8.7
NNW	.2	1.6	1.7	1.5	.6	.2		5.9	10.4
VARIABLE									
CALM	////////////////////							12.3	////
TOTALS	16.3	29.2	21.7	15.9	3.1	1.4		100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	2.5	5.2	5.6	1.3	.4	.1					16.8	10.3
NNE	.8	2.5	1.3	1.0	.4							5.9	7.8
NF	.9	1.4	1.0	.8								4.0	6.9
ENE	1.0	1.2	.8	.2								3.1	5.5
E	.9	.9	.9	.1								2.7	5.4
ESE	.6	.8	.4									1.8	4.7
SE	.6	.8	.8	.1								2.3	5.6
SSE	.6	1.2	.9	.2								2.9	6.0
S	1.5	2.0	1.0	.8	.4	.1						5.8	7.1
SSW	1.2	3.2	2.8	1.2								8.4	7.0
SW	1.1	2.3	2.0	.2	.1							5.7	6.3
WSW	1.3	2.2		.3	.1	.1						4.0	5.5
W	1.1	1.2	.5	.8	.4							3.9	7.9
WNW	1.5	1.1	1.3	1.4	.1	.1						5.5	8.0
W	1.1	2.4	1.5	1.4	.4							6.8	7.7
NNW	.7	1.4	3.0	1.6	.4							6.8	9.2
VECTABLE													
CLM	////////////////////											13.9	////
TOTALS	16.7	26.8	23.2	15.6	3.8	.9	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 74-87  
MONTH: JAN HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	3.9	4.7	5.7	1.4	.5					18.1	10.1
NNE	.5	1.5	1.5	1.5	.2						5.3	8.6
NE	.3	1.7	1.1	1.0							4.1	7.9
ENE	1.1	1.6	.4	.6							3.8	6.3
E	.9	1.6	.4								2.9	4.5
ESE	.4	1.0	.3								1.7	4.9
SE	1.1	.5	.3	.3							2.3	5.2
SSE	1.0	.8	1.2	1.0							3.9	7.3
S	2.0	2.3	2.0	1.1	.5						8.0	7.1
SSW	2.2	1.7	3.2	1.2							8.3	6.9
SW	1.6	2.4	.4	.3	.2						4.9	5.6
WSW	.2	1.7	.2	.2	.2						3.2	5.5
W	1.0	2.3	1.5	1.1	.3						6.6	7.0
WNW	.4	1.5	1.3	1.2	.1						4.5	8.2
WZ	.2	2.5	2.5	.9							6.7	7.0
WNW	.4	2.8	1.3	1.2	.4						6.1	8.1
VARIABLE												
CALM	////////////////////										9.8	////
TOTALS	16.3	29.7	22.5	17.2	3.4	.6					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: JAN HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.7	4.8	5.7	2.6	.4					16.3	11.4
NNE	.6	.8	3.7	3.0	.3						8.4	9.7
NW	.2	1.1	1.4	1.6							4.3	8.8
ENE	.6	1.1	1.1	.8							3.5	7.1
E	.6	2.0	.9								3.5	5.2
ESE	.3	.6	.5	.5							2.0	7.2
SE	.3	1.1	.6								2.0	5.9
ESE	.1	.9	1.6	1.6	.2						4.4	9.7
S	.7	2.7	2.5	2.7	.4	.1					9.2	8.9
SSW	1.1	2.7	3.1	1.8	.2						8.9	8.1
SW	.4	1.3	.9	1.0	.1						3.7	7.8
WSW	.8	1.9	.9		.1						3.7	5.4
W	.6	2.0	2.0	1.4	.3	.1					6.6	8.5
WNW	1.2	2.0	1.6	2.4	.2						7.4	8.3
WW	.2	1.6	1.8	2.4							6.1	8.8
NNW	.5	1.8	1.8	1.6		.1					5.9	8.5
VARIABLE												
CALM	////////////////////										3.9	////
TOTALS	9.5	25.7	29.2	20.5	4.5	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH  
USAFCTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723402 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	2.4	4.1	6.1	2.6	.4					16.3	11.5
NNE	.3	1.6	3.4	2.7	.1						.7	8.6
NE	.2	.9	1.2	1.1							3.3	8.6
ENE	.5	.4	2.3	.9							4.2	8.3
E	1.3	1.1	.2	.1							2.7	4.0
ESE	.5	.5	.4								1.6	4.4
SE	.2	.4	.6	.3	.1						1.7	8.2
SSE	.7	.6	1.8	.4	.1						3.3	8.2
S	.5	2.5	2.6	2.6	.6	.1					9.1	9.5
SSW	.5	2.0	3.2	3.8	1.1						10.6	10.2
SW	.2	1.6	2.3	.8	.2						5.1	8.2
WSW	.7	1.7	1.7	.6							4.9	7.0
W	.3	1.4	1.4	1.8	.2						5.6	8.8
WNW	.3	.4	1.8	2.6	.6						5.9	11.0
W	.5	.9	1.9	1.6	.4						5.4	9.6
NNW	.5	1.2	2.4	1.7	.6	.2					6.9	9.7
VARIABLE												
CALC	////////////////////////////////////										4.5	////
TOTALS	7.5	19.7	31.4	27.3	6.9	.4					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723400 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN. HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.2	7.7	5.6	6.1	1.1	.7					18.0	10.0
09	.3	3.1	2.4	2.0	.1						9.5	9.1
01	1.1	.8	1.3	1.8	.1						5.1	8.3
03	1.7	1.4	.8	.4							3.9	5.6
04	.5	.8	.3								1.6	4.7
05	.3	.0	.3								1.4	5.3
06	.7	.8	.8	.7							2.2	7.4
08	1.1	.4	.6	.1	.1	.1					2.8	6.3
09	2.1	2.5	2.4	2.2	.5						10.0	7.9
10	1.7	2.6	3.2	3.2	.3						17.6	8.7
11	.3	2.0	2.8	1.0							6.1	7.6
12	.5	1.9	1.1	.9							4.4	7.4
13	.7	1.2	1.7	1.5	.3						5.0	9.0
14	.7	.5	2.2	1.2	.1						4.2	9.7
15	.7	.9	1.9	1.9	.5						5.6	10.2
16	.2	1.1	1.5	.9	.8						4.4	10.0
VARIABLE												
CPL	////////////////////										5.2	////
TOTALS	11.7	25.2	29.9	23.5	4.0	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/ETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 72340R      STATION NAME: RLYTTELVILLE AFB AR

PERIOD OF RECORD: 7P-A7  
 MONTH: JAN      HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	GE 56	
N	1.4	4.8	4.7	4.0	.6	.4					16.0	8.9
NNE	1.9	2.9	3.3	3.0	.1	.1					11.4	6.1
NE	1.5	1.9	1.8	1.0	.1						6.3	6.5
NNE	1.7	.9	.4								3.0	3.6
E	1.4	1.1	.3								2.8	3.9
ESE	1.0	.9	.5								2.4	4.7
SE	1.2	.8	.9								2.8	5.2
SSE	1.1	1.2	.6	.1	.2						3.2	5.4
S	1.9	4.1	1.8	1.8	.2						9.9	7.0
SSW	1.7	4.7	2.4	1.6	.3						11.8	7.1
SW	.3	1.7	.5	.3	.1						3.4	6.2
WSW	1.0	.6	.7	.1	.1						2.2	5.0
W	1.2	1.0	1.6	1.0	.7						5.1	7.7
WNW	.9	1.4	1.4	.6							4.0	7.8
W	.2	1.5	1.4	.5	.2	.5					4.2	9.3
WNW	.4	.4	1.3	.9	.2						3.2	9.2
VARIABLE												
CALM	////////////////////										8.7	////
TOTALS	18.8	29.9	24.5	15.1	2.6	.9					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-P7  
MONTH: JAN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	4.7	3.5	5.2	1.5	.3					15.9	10.1
NNE	1.0	3.4	2.6	7.6	.1						9.7	7.7
NE	.3	2.0	.8	.6							3.8	6.9
ENE	.9	1.2	1.3	.4							3.7	6.2
E	1.5	1.7	.4								2.9	4.0
ESE	.9	.6	.1								1.5	3.4
SE	.5	1.0	.5								2.0	4.9
SSE	.6	1.8	1.1	.5	.2						4.4	6.8
S	2.7	4.0	1.3	.6	.3						9.9	5.6
SSW	.3	4.8	2.3	1.7		.1					10.8	7.4
SW	1.5	1.9	1.0	.4	.2						4.7	6.0
WSW	1.2	.6	.1	.1	.1						2.2	5.1
W	1.2	1.2	.4	1.0	.1						3.7	7.2
WNW	1.2	1.8	1.4	1.4	.1	.2					5.9	8.5
W	.4	1.2	1.0	1.4	.2						4.2	9.3
WNW	.3	.6	1.8	1.6	.3						5.2	9.1
WVALE												
CALM	////////////////////										10.6	////
TOTALS	16.1	31.7	20.6	17.6	3.2	.7					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 231

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	1.7	3.4	4.6	5.4	1.5	.5	.0				16.7	10.3
NNE	.7	2.2	2.6	2.2	.2	.3					4.1	8.3
NE	.6	1.4	1.2	1.1	.0						4.3	7.6
ENE	1.3	1.2	1.0	.4							3.6	6.1
E	1.0	1.2	.5	.0							2.8	4.6
ESE	.6	.8	.3	.1							1.8	5.0
SE	.6	.8	.6	.1	.0						2.1	5.8
SSE	.7	1.1	1.0	.5	.1	.0					3.5	7.2
S	1.7	2.4	1.8	1.6	.4	.0					8.3	7.5
SSW	1.7	3.7	3.2	2.0	.3	.0					10.1	7.8
SW	.7	2.0	1.4	.5	.1	.0					5.0	6.6
WSW	1.0	1.5	.6	.3	.1	.0					3.5	5.9
W	1.0	1.5	1.2	1.2	.7	.0					5.3	7.9
WNW	.4	1.2	1.5	1.5	.2	.1					5.3	8.7
WW	.6	1.5	1.8	1.4	.7	.0					5.7	8.7
WNW	.5	1.4	1.9	1.4	.4	.1					5.6	9.3
VARIABLE												
CAL	////////////////////										9.5	////
TOTALS	14.4	27.2	25.4	19.8	3.9	.4	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 7P-87  
MONTH: FEB HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	5.7	4.7	4.6	1.9	.1	.1				19.9	9.1
NNE	1.3	2.4	2.4	1.4	.2	.1	.1				7.9	8.2
NE	1.2	2.2	.7	.2	.2	.1					4.7	6.1
NNE	1.2	1.5	.4	.4							3.4	5.4
E	2.5	2.8	.1	.1	.2						5.8	4.5
ESE	1.7	1.7	.5	.1							3.9	4.5
SE	.8	1.2	.7	.4	.4						3.4	7.1
SSE	1.3	2.4	.8	.6	.1	.1					5.3	6.5
S	1.5	2.7	2.2	.6	.1						7.2	6.4
SSW	.9	2.7	2.7	.5							6.9	6.5
SW	.2	.7	.4								1.7	5.3
WSW	.4	1.2	.6								2.1	5.1
W	.7	.8	1.2	1.4							4.1	8.1
WNW	.2	.6	.5	.9	.1						2.4	9.3
W	.4	.5	1.8	1.3	.1						4.5	8.7
WNW	.4	.8	2.4	2.5	.2						5.8	9.7
VARIABLE												
CALM	////////////////////										11.7	////
TOTALS	17.4	30.4	22.0	14.5	3.7	.5	.2				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 703409 STATION NAME: PLYMOUTH AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB FOURS (LST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-2	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	1.9	6.9	6.4	4.7	1.8	.6					21.3	9.3
NNE	.9	2.5	1.9	.8	.5						6.6	7.6
NE	1.4	2.1	.7	.8	.2						5.3	6.4
ENE	1.5	1.5	.6	.6		.1					4.4	6.2
E	1.7	2.4	.5	.6							4.7	5.4
ESE	.9	1.3	.5								2.6	4.5
SE	1.2	1.7	1.5	.1							4.5	5.4
SSE	1.1	1.2	1.4	.8	.2						4.7	7.3
S	1.3	1.5	3.0	1.3							7.1	7.2
SSW	1.2	3.1	2.0	.7	.2						7.2	6.7
SW	.9	.6	.2	.2							1.4	6.1
WSW	.7	.5	.2								1.4	4.3
W	1.3	1.8	.4	.8							4.3	6.1
WNW	.6	1.3	.4	1.3	.1						4.3	8.9
W	.7	.6	1.7	.5	.1						3.1	8.5
NNW	.5	2.7	1.8	.7	.1						5.1	7.5
VARIABLE												
CALM	////////////////////										12.1	////
TOTALS	10.3	29.9	23.6	14.1	3.3	.7					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB FOUR (LIST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	7.1	6.1	5.1	5.1	1.6	.1						20.3	9.0
NNE	.7	3.3	2.6	1.9	.1							4.5	7.7
NW	.9	2.2	.5	.2	.1							4.0	5.5
ENE	1.3	1.5	.7	.5								4.0	5.6
E	1.2	2.5	1.5	.2								5.4	5.7
ESE	1.1	.9	1.2	.1								3.2	5.4
SE	.9	2.6	1.2	.1	.1							4.6	6.0
SSE	1.2	1.5	1.3	.7	.5							5.2	7.6
S	.7	1.7	2.7	1.1	.9							6.5	8.2
SSW	.6	1.4	2.6	.9	.2							6.6	7.2
SW	.1	.5	.6	.6								2.1	7.7
WSW	.9	.8		.2								2.0	4.4
W	1.7	1.4	.7	.5								3.8	5.7
WNW	.2	.9	.6	.7	.5							3.0	10.3
WZ	.4	1.7	1.3	.7								4.0	7.3
NNW	.7	1.4	2.6	.9	.2	.1						5.6	8.8
VARIABLE													
CALM	////////////////////											11.1	////
TOTAL	13.1	71.4	25.1	14.4	3.2	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 946



GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFLTAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 72340R      STATION NAME: RLYTREVILLE AFB AR

PERIOD OF RECORD: 78-87  
 MONTH: FEB      HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	1.1	3.7	6.3	5.7	1.7	.2					18.6	10.1
NNE	.9	2.2	3.7	1.5							8.4	7.5
NE	.9	1.4	1.2	.6							3.5	7.5
NNE	1.1	2.9	1.2	.6							5.7	6.0
E	1.4	3.2	2.2	.2							7.1	6.0
ESE	.7	.5	1.2	.1							2.5	5.9
SE	.5	.9	1.5	.9							3.9	8.2
SSE	.4	2.1	2.7	.7	.4						6.3	9.1
S	1.1	1.8	3.9	2.6	.6						9.5	9.1
SSW	.5	.9	3.1	2.5	.4						7.2	10.0
SW	.2	.8	.8	.7	.1						2.7	9.0
WSW	.6	1.4	.1	.2							2.4	5.1
W	.2	.7	.9	.4	.4						2.6	9.1
WNW	.2	1.5	1.4	2.1	.6	.1					6.0	10.7
W	.4	1.1	.5	1.2		.1	.1				3.3	9.5
NNW	.2	1.5	2.9	1.9	.7	.1					7.4	9.4
VARIABLE												
CFLW	////////////////////										3.0	////
TOTALS	10.5	26.5	32.6	20.0	4.7	.3	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 7A-87  
MONTH: FEB HOURS(UTC): 1200-1400

DIRECTION (DEG/2FS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	3.2	6.6	6.5	2.2						19.6	10.3
NNE	1.4	2.0	3.7	1.1	.1						8.3	7.3
NE	.0	1.2	2.0	.8	.1						4.7	7.6
NNE	1.3	1.1	.9	.4							3.7	5.9
E	1.4	2.1	.9	.4							4.8	5.4
ESE	.7	.5	.4								2.0	5.6
SE	.6	1.1	.5	.6	.1						2.9	7.1
SSE	.9	1.1	1.3	.5	.2						3.7	7.5
S	.9	2.1	4.5	3.1	.7	.4					11.6	9.9
SSW	.5	2.6	2.6	3.2	.4						9.2	9.3
SW	.1	1.1	1.7	1.6	.5						5.0	9.4
WSW	.7	.5	.4	.4							1.9	6.4
W	.7	.7	1.2	.4	.6						3.3	9.8
WNW	.7	.2	1.5	1.3	.6	.5					4.8	11.5
WV	.0	.6	1.1	.9	.1	.1					3.4	9.2
WNW	.0	2.2	1.7	1.2	.5						6.1	8.3
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	17.1	22.7	31.3	27.3	6.1	.4					150.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723400 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.9	5.6	5.8	1.1	.4					18.0	9.8
NNE	.7	3.9	4.1	1.4	.2						10.5	7.6
NE	.5	1.8	2.1	1.1	.2	.1					5.9	8.3
NNE	.7	1.7	.8	.2	.4						4.0	6.7
E	.5	1.5	.9	.1							3.2	5.6
ESE	.6	.9	.7								2.1	5.4
SE	.4	2.4	.6	.2							3.5	5.5
SSE	.5	1.7	1.3	.2							3.7	6.3
S	2.1	3.5	4.4	2.2	.4	.1					12.8	7.8
SSW	.3	2.1	3.2	2.6	.2	.7	.1				9.3	9.4
SW	.5	1.1	.8	.9	.1						3.8	7.6
WSW	.4	1.2	.6	.5							2.6	6.9
W	.3	1.1	.5	1.4	.2						4.0	8.8
WNW	.7	.6	.9	.6	.4	.1					3.1	10.5
W	.1	.5	1.1	1.1	.5	.1					3.3	11.0
WNW	.5	1.7	1.1	.8	.8						4.4	6.8
VARIABLE												
CALM	////////////////////										5.8	////
TOTALS	11.6	28.7	26.7	19.5	4.5	1.1	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTTEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47		
N	2.4	4.6	4.1	2.7	1.4	.1			16.7	8.7
NNE	2.0	4.0	3.0	1.7	.4	.1			11.1	7.3
NE	1.9	4.0	.6	.6	.2	.4			7.9	6.6
ENE	1.1	1.7	.7	.4			.1		3.9	6.2
E	2.7	2.4	.7	.2					6.3	4.2
ESE	1.8	1.5	.5	.1	.1				4.0	4.6
SE	.4	1.2	.7	.1					2.8	5.5
SSE	2.1	.7	.8	.4	.1				4.1	5.3
S	3.0	5.4	3.0	.9	.1	.2			12.6	6.1
SSW	.3	2.4	1.5	.5					5.2	6.0
SW	.2	.2	.1	.2	.1	.2			1.2	11.5
WSW	.2	.4	.4	.6					1.5	8.2
W	.5	1.4	.4	.6					3.8	6.6
WNW	.4	1.1	.6	1.1	.1				3.2	8.6
WW	.1	.4	.6	.7	.5				2.2	11.9
WNW	.1	.4	.7	.7	.1				2.0	10.1
VARIABLE										
CLL	////////////////////								11.7	////
TOTALS	20.4	21.8	19.1	17.4	3.2	1.1	.1		100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 841

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72346 STATION NAME: RLYTTEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: FEB HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	4.6	5.2	4.6	1.1		.1	.1			17.6	9.3
NNE	1.3	3.0	3.2	1.3	.2	.2	.1				10.2	7.7
NE	.4	2.6	1.3	.2	.2						5.2	6.5
NNE	.2	1.3	.2	.5	.4						3.3	7.0
E	1.3	1.9	.5	.2							3.9	4.5
ESE	1.5	1.4	.8	.2	.1	.1					4.3	5.8
SE	1.9	1.9	.2	.6	.1						4.7	5.4
ESE	1.3	2.2	.7	.7	.1						5.1	6.2
S	1.9	2.8	2.5	.8	.2						8.3	6.5
SSW	.6	2.8	1.7	.4							5.4	6.0
SW		.4	.7	.1	.2						1.4	9.8
SSW	.1	.7	.2	.1							1.2	5.7
W	.2	.7	.9	1.1							3.5	7.6
WNW	.3	.4	1.4	.7	.2						3.2	9.0
W	.5	.6	.6	1.3	.2						3.4	10.0
WNW	.9	1.5	1.2	.7	.8						5.1	8.9
VARIABLE												
CALM	////////////////////										14.3	////
TOTALS	16.2	29.6	21.6	13.6	4.0	.4	.2	.1			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH  
USAF/LTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	4.7	5.5	5.1	1.6	.2	.0	.0			18.9	9.5
NNE	1.2	3.0	3.0	1.4	.2	.1	.0				8.9	7.6
NE	1.7	2.2	1.2	.6	.2	.1					5.2	6.8
ENE	1.2	1.6	.7	.4	.1	.0	.0				4.0	6.1
E	1.6	2.4	.9	.3	.0						5.1	5.2
ESE	1.1	1.1	.9	.1	.0	.0					3.1	5.2
SE	.9	1.6	.9	.4	.1						3.8	6.2
SSE	1.0	1.6	1.3	.6	.2	.0					4.8	6.9
S	1.6	2.7	3.2	1.6	.3	.1					9.4	7.7
SSW	.7	2.4	2.4	1.4	.2	.0	.0				7.1	7.9
SW	.4	.7	.7	.6	.1	.0					2.5	8.5
WSW	.5	.6	.3	.3							1.9	5.8
W	.3	1.1	.8	.8	.1						3.7	7.6
WNW	.4	.8	1.0	1.1	.3	.1					3.7	10.0
NW	.7	.6	1.1	1.0	.2	.0	.0				3.4	9.4
NNW	.5	1.4	1.7	1.1	.4	.0					5.2	9.0
VARIABLE												
CALM	////////////////////										9.2	////
TOTALS	14.9	24.8	25.5	16.6	4.2	.7	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 6769

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	3.5	2.7	2.2	.3	.1					11.0	7.7
NNE	1.9	2.0	2.0	1.7		.1					8.7	7.2
NE	1.2	1.6	1.5	.5							4.8	6.2
ENE	2.7	2.0	.9	.3	.1						5.4	5.3
E	1.5	1.1	1.2	.8	.1						4.7	6.7
ESE	1.1	.9	.6	.3	.1		.1				3.1	6.9
SE	1.0	1.1	.8	.2		.1					3.1	6.1
SSE	1.6	3.0	1.3	1.2	.1	.1					7.3	6.9
S	.9	3.3	4.0	2.6	.2	.1					11.1	8.3
SSW	1.1	2.2	2.7	.8	.1						7.8	6.8
SW	.6	.5	.6	.5							2.6	6.9
WSW	.3	1.0	.2	.3							1.8	6.1
W	.4	.4	1.3	.4	.1						2.7	8.3
WNW	.6	1.7	1.2	.8							4.3	6.9
WW	.7	1.0	.8	.6	.1						4.3	6.8
WNW	.6	.9	2.2	1.1	.1						4.6	8.2
VARIABLE												
CFLM	////////////////////										12.5	////
TOTALS	19.7	28.2	24.9	14.4	1.4	.5	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/LTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: MAR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	3.8	3.9	7.0	.6	.1						13.8	8.2
NNE	2.2	2.2	1.7	.8	.1							6.9	6.1
NF	1.4	1.5	1.4	.5								4.8	6.0
ENE	1.7	1.3	.9	.2								3.3	5.4
E	2.8	1.9	1.1	.6								6.5	4.9
ESE	1.2	1.4	.8									3.3	4.9
SE	1.2	1.1	1.2	.2								3.7	5.6
SSE	1.3	2.7	.8	1.2								5.3	6.8
S	1.6	3.5	3.3	2.5	.9	.7						12.2	8.7
SSW	.9	2.7	2.4	.8								6.7	6.8
SW	.9	.2	.2	.8								2.0	6.9
WSW	.5	.4	.4	.2								1.6	6.0
W	.6	1.2	1.1	1.3								4.2	7.8
WNW	.4	1.5	1.5	.4								4.2	6.6
NW	.5	1.2	2.3	.2								4.2	6.8
NNW	1.1	1.5	2.0	1.0								5.7	6.9
VARIABLE													
CALM	////////////////////											11.7	////
TOTALS	20.2	27.5	24.8	13.7	1.6	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 773400 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 72-87  
MONTH: MAR HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.4	3.8	3.7	4.1	.9	.1		13.9	9.1
NNE	1.2	2.7	1.9	.6	.7			6.0	7.0
NE	.4	1.4	1.5	1.1				4.7	7.3
ENE	1.0	.9	.3	.3				3.0	4.6
E	1.2	2.4	1.0	.8				5.3	6.2
ESE	.5	1.6	1.0	.6				3.8	6.9
SE	.4	2.4	1.9	.3				5.1	6.8
SSE	1.5	2.4	1.6	.5	.3	.7		6.6	7.4
S	1.1	3.0	3.7	4.5	1.3			13.5	9.7
SSW	.5	1.4	2.2	1.6	.1	.1		5.9	9.0
SW	.4	.9	.6	.3	.1			2.4	7.0
WSW	.2	.5	.7	.4	.1	.1		1.7	9.5
W	.4	1.7	1.9	1.1				5.2	7.9
WNW	.7	1.2	1.7	.3				3.5	7.1
NW	.5	1.3	1.5	.5				4.4	7.3
NNW	.1	.5	2.7	1.1				4.6	8.5
VARIABLE									
CPLM	////////////////////							10.4	////
TOTALS	12.5	27.0	27.8	18.5	3.0	.5		100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72343P STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 7P-87  
MONTH: MAR HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.0	1.8	3.7	4.5	.8	.1	.1				11.2	10.8
NNE	.2	1.6	2.9	2.2	.1	.0					7.3	9.5
NL	.3	1.2	2.7	1.3							5.5	8.7
ENE	.2	.9	1.5	1.1							4.2	7.9
E	1.4	2.5	2.4	.5	.1						6.9	6.2
ESE	.4	1.4	1.0	.6							3.4	7.1
SE	.1	.9	1.1	1.4		.1	.1				3.7	10.6
SSE	.4	1.0	2.2	1.6	.4						5.6	9.6
S	1.6	1.7	3.4	6.2	1.3	.5	.2				15.1	11.3
SSW	.2	1.0	2.5	4.3	.4	.4	.1				8.8	12.0
SW	.2	.5	.6	1.5	.5						3.7	11.2
WSW	.2	.7	.9	.6	.1						2.3	9.5
W	.2	1.2	2.6	1.6							5.6	9.1
WNW	.4	.5	1.8	1.2	.1						4.1	8.8
WW	.1	.6	1.5	1.1							3.7	8.9
NNW	.0	1.2	1.4	3.0	.4						6.7	10.1
VARIABLE												
CAL"	////////////////////										2.5	////
TOTALS	7.7	18.7	27.5	20.4	4.3	1.4	.5				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LETT): 1200-1400

DIRECTION (000-090)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.6	1.7	3.2	3.5	.4	.5		11.2	9.8
NNE	.9	1.1	3.4	1.0	.2			7.1	8.6
NE	.9	1.2	1.5	1.1				4.6	7.5
NNE	1.2	1.4	1.3	.8				4.6	6.3
E	.5	2.3	1.6	.2				4.6	6.3
ESE	.5	1.7	1.0	.6	.3	.1		2.5	8.9
SE	.2	.5	1.1	1.7	.1			3.7	10.3
SSE	.5	.8	2.2	1.1	.1	.3		5.1	9.4
S	1.2	1.5	2.8	5.8	2.2	.4		13.9	11.9
SSW	.3	.5	2.9	4.0	2.3	.5		11.2	12.7
SW	.3	.6	1.5	2.4	.4	.1		5.4	11.2
WSW	.4	.5	1.1	1.3	.1	.1		3.5	9.3
W	.9	.5	1.7	1.8	.1			5.1	8.9
WNW	.7	1.2	2.8	1.1	.1			5.5	8.5
W	.1	1.3	2.3	.8				4.4	8.4
WNW		.8	1.5	1.7	.5			4.9	10.4
Variable									
Cal"	////////////////////							1.6	////
TOTALS	17.7	17.7	32.7	29.8	6.2	2.2		100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: MAR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	.6	2.9	4.3	3.4	.6	.3					12.3	9.5
NNE	1.1	1.4	2.9	2.0							7.3	8.1
NE	.6	1.9	1.5	.9							4.9	7.2
ENE	.2	1.3	2.3	.6							4.4	7.9
E	.4	2.7	1.3	.2							4.2	5.9
ESE	.3	.9	1.4	.1							2.7	6.7
SE	.4	.5	1.4	.4	.5	.1					3.4	9.5
SSE	.7	1.6	1.8	1.4	.3						5.5	9.0
S	1.0	1.5	3.7	4.9	1.9	.7					13.3	11.7
SSW	.8	1.7	3.0	4.4	.9	.2					11.0	10.7
SW	.3	.6	2.2	1.6	.3						5.3	9.9
WSW	.3	.8	1.2	.9	.5						3.7	9.9
W	.2	1.2	1.4	1.6	.1						4.5	9.2
WNW	.4	1.1	2.4	1.5	.2						5.6	9.2
NW		.9	1.6	1.2	.3						4.0	10.4
NNW	.5	1.3	2.6	1.1	.1						5.7	8.1
VARIABLE												
CALM	////////////////////										2.3	////
TOTALS	7.6	21.6	34.8	26.6	5.9	1.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-P7  
MONTH: MAR HOURS(LEST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	
N	1.7	3.8	2.5	1.7	.9	.2					10.3	7.7
NNE	2.4	4.4	1.9	1.6							10.5	6.5
NE	1.5	2.7	1.2	1.0							5.9	6.2
ENE	2.2	2.9	.6	.3							6.0	4.6
E	1.7	3.2	1.0	.1							6.0	4.9
ESE	1.4	1.0	.2	.3							2.9	4.9
SE	.7	1.5	.6	.3	.4		.1				3.9	5.1
SSE	1.6	2.2	.6	.9	.2						5.5	6.2
S	2.2	5.5	4.4	3.5	1.0						16.5	8.2
SSW	1.4	2.6	1.6	.9							6.5	6.4
SW	.5	.9	.8	.6							2.8	7.2
WSW	.2	.4	.4								1.7	4.5
W	.6	.9	1.0	.5							3.2	7.7
WNW	.2	1.1	.9	.4							2.7	6.9
NW	.5	1.2	2.4	.9							4.7	5.2
NNW	.3	.5	1.3	.4							2.6	7.8
VARIABLE												
CAL"	////////////////////////////////////										9.7	////
TOTALS	29.0	34.7	21.4	14.0	2.0	.2	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 7P-87  
MONTH: MAR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	2.9	2.0	2.0	.2	.1						9.2	8.1
NNE	1.8	2.9	2.2	1.1								8.0	6.4
NE	1.8	3.1	2.0	.8								7.7	5.7
ENE	1.6	1.3	.6	.9								4.4	5.9
E	1.9	1.5	1.2	.1		.1						4.8	5.2
ESE	1.1	1.2	.4	.5								3.2	5.6
SE	1.2	1.8	1.2	1.0	.3	.1						5.6	7.7
SSE	1.1	2.8	1.3	.8			.1					6.0	6.5
S	2.0	5.5	3.4	2.3	.9							14.0	7.2
SSW	.7	2.8	2.2	.9								6.7	6.7
SW	.4	.4	.2	.1								1.2	5.0
WSW	.4	.2	.6	.3								1.6	7.1
W	1.0	1.0	1.2	.8								3.9	6.6
WNW	.6	1.4	.5	.2								2.8	5.6
NW	.6	1.2	1.1	.6		.2						3.7	7.7
NNW	.7	1.0	2.7	.8	.2							4.9	8.9
VARIABLE													
CALM	////////////////////											17.3	////
TOTAL	14.0	31.0	22.9	17.0	1.5	.2	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	3.0	3.0	5.1	.5	.0	.0					11.6	8.9
NNE	1.4	2.2	2.5	1.6	.1	.0						7.7	7.4
NE	1.1	1.4	1.7	.9								5.4	6.8
NNE	1.3	1.5	1.0	.6	.0							4.4	6.0
E	1.4	2.1	1.3	.4	.0	.0						5.4	5.7
ESE	.8	1.2	.8	.4	.1	.0	.0					3.3	6.5
SE	.7	1.2	1.2	.7	.2	.1	.0					4.9	8.0
ESE	1.1	2.0	1.5	1.1	.2	.1	.0					5.9	7.7
S	1.4	3.2	3.6	4.0	1.2	.7	.0					13.7	9.6
SSW	.5	2.0	2.4	2.2	.5	.7	.0					9.1	9.4
SW	.5	.5	.5	1.0	.2	.0						3.1	9.0
WSW	.4	.5	.6	.5	.1	.0						2.2	8.2
W	.5	1.0	1.5	1.2	.0							4.3	8.3
WSW	.5	1.2	1.5	.7	.1							4.1	7.7
W	.4	1.2	1.7	.6	.1	.0						4.0	8.0
WNW	.5	1.0	2.1	1.3	.2							5.0	8.7
VARIABLE													
CALM	////////////////////											7.7	////
TOTALS	14.4	25.6	27.7	20.3	3.7	.8	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723428 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	4.7	2.0	1.2	.2							8.9	6.9
NNE	.9	1.1	1.6	.6								4.0	6.9
NE	.5	1.1	.9	.3								2.9	6.3
NNE	1.2	2.3	1.3	.3								5.2	5.5
E	1.7	2.6	1.6	.1	.1							6.0	5.4
ESE	.3	1.0	.6	.1	.1							2.1	6.6
SE	1.0	1.3	1.3	.2								3.9	6.0
SSE	1.2	2.2	1.3	.3								5.1	5.8
S	3.0	4.0	3.7	1.8	.7	.2						13.8	7.4
SSW	2.1	3.7	3.3	1.1	.2							10.4	6.7
SW	.1	1.8	.9	.1	.1	.1						3.2	7.0
WSW	1.1	1.9	.7	.1		.1						3.8	5.4
W	1.7	2.8	1.3	.4								5.9	5.6
WNW	.9	1.4	1.2	.4								4.0	6.1
WW	.2	1.0	1.1	.6								3.6	6.6
NNW	1.7	1.0	1.2	.7	.2							4.1	7.1
VARIABLE													
CAL "	////////////////////											13.1	////
TOTALS	19.7	30.7	24.0	9.4	1.7	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 75-87  
MONTH: APR HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	4.7	1.0	2.2							9.3	7.4
NNE	.7	1.7	1.0	.7							4.0	7.0
NE	.9	1.1	.6	.2							3.0	6.0
NNE	2.1	1.0	1.3	.2							4.7	4.8
E	1.7	2.1	1.7	.3							6.0	5.4
ESE	.7	.9	.4	.1							2.0	5.6
SE	.6	1.7	1.2	.4	.1						4.0	7.1
SSE	1.5	1.2	2.0	.7							5.7	6.3
S	1.7	3.9	3.1	2.6	.7						11.9	9.1
SSW	1.7	3.6	2.2	.7	.6						8.7	6.7
SW	1.1	1.4	.6	.6	.1	.1					3.9	6.8
WSW	1.4	1.1	1.4	.2		.1					4.3	5.9
W	1.5	1.9	1.6	1.3	.1						6.9	7.0
WNW	1.2	2.1	1.4	.6							5.3	6.1
NW	.9	.7	1.2	.1							2.3	6.0
NNW	.3	1.0	.9	.6							3.0	7.7
VARIABLE												
CALM	////////////////////										14.6	////
TOTALS	19.4	29.2	23.0	11.7	1.6	.7					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723400 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 70-87  
MONTH: APR HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	1.7	1.4	2.1	.3							6.6	8.7
NNE	.9	1.0	2.1	1.8								5.7	8.7
NE	.3	1.1	1.1	.4								3.0	7.3
ENE	.7	1.4	1.9	.6								4.0	7.2
E	1.4	1.7	2.1	.4	.1							5.8	6.5
ESE	.3	2.0	1.0	.6								4.3	6.4
SE	.7	1.0	1.6	.8	.2	.1						4.3	6.4
SSE	.4	1.2	2.6	1.6			.1					6.4	8.5
S	1.0	3.9	4.1	3.9	.3	.4						13.7	9.0
SSW	1.1	2.9	3.3	1.8	.6	.1						9.8	8.3
SW	.2	.6	1.3	.3								2.4	7.8
WSW	.3	1.1	.7	.3	.1							3.1	6.3
W	1.0	2.3	2.7	1.9	.1							8.0	6.0
WNW	.4	1.4	2.2	.6								4.9	8.0
NW	.7	1.7	1.0	.7								4.0	6.6
NNW	.4	1.0	1.2	1.1	.1							3.9	6.7
VARIABLE													
CALM	////////////////////////////////////											9.3	////
TOTALS	11.4	26.6	30.7	16.2	1.9	.7	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MSC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: APR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	1.7	1.6	4.1	.9							9.7	10.0
NNE	.4	1.7	1.6	1.7	.4							5.8	8.9
NE	.4	.9	1.7	.7	.1							3.8	8.1
NNE	.7	1.1	1.8	.4								4.7	6.9
E	.3	1.2	2.9	.8								5.7	7.4
ESE	.3	1.4	1.9	.4								4.1	7.4
SE	.1	1.2	1.6	1.0	.1							4.0	8.9
SSE	.2	1.0	2.8	1.7	.2							5.9	9.4
S	.6	1.6	4.3	4.4	1.7	.7						12.9	11.4
SSW	.3	1.2	4.9	5.8	.8	.2						13.7	11.2
SW	.2	.9	2.7	1.7	.3	.1						5.9	10.2
WSW	.0	.6	1.4	.9	.1							3.2	7.2
W	.3	.7	1.6	2.6	.7	.1						5.9	11.6
WSW	.1	1.0	2.3	1.6								5.7	9.2
W	.2	.7	2.4	1.1								4.4	8.9
WNW	.6	.9	2.4	1.3								5.2	8.4
VARIABLE													
CALM	////////////////////											1.6	////
TOTALS	7.0	17.4	37.6	37.1	5.3	.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 72-P7  
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DIRECTION)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.0	2.5	2.9	.4	.1					9.9	8.9
NNE	.6	.9	3.1	.4	.1	.7					5.3	8.9
NE	.9	.9	1.9	.8							4.3	7.3
ENE	.4	1.1	1.2	.4							3.2	7.1
E	.2	1.4	1.3	.3							3.7	6.9
ESE	.3	1.6	1.6	.2							3.7	6.8
SE	.4	.9	1.0	.8	.3						3.4	9.3
SSE	.4	1.1	2.7	1.7	.3						5.9	9.8
S	.6	2.3	3.2	6.7	1.0	1.7					14.8	12.0
SSW	.7	1.1	3.2	5.1	.8	.2					11.1	11.2
SW	.2	1.1	2.7	2.4	.6	.1					7.1	10.3
WSW	.3	1.1	1.0	2.1	.1						4.7	9.7
W	.4	.6	2.2	3.4	.6						7.6	10.9
WNW	.2	1.2	2.3	1.3	.1	.1					5.3	9.1
NW	.3	1.4	1.2	1.1							3.9	8.4
NNW	.3	.9	2.4	1.0							5.0	7.9
VARIABLE												
CALC	////////////////////										1.1	////
TOTALS	7.7	21.7	32.8	37.5	4.3	1.8					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATION\*

STATION NUMBER: 703403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 75-87  
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.0	2.6	2.0	.7						8.3	9.0
NNE	.6	1.7	1.7	1.9	.3		.1				6.2	9.2
NE	.4	1.4	1.4	.8		.2					4.3	9.2
NNE	.6	2.0	1.0	.7							4.2	6.9
E	1.1	1.4	1.3	.4							4.3	5.9
ESE	.6	1.2	.9	.3							3.0	6.7
SE	.5	.8	2.7	.9	.6						5.1	9.7
SSE	.4	1.2	1.7	1.9	.3						5.6	9.7
S	1.0	1.7	4.1	7.1	2.1	.4					16.4	11.8
SSW	.3	1.4	3.6	5.0	.6	.2					11.3	11.2
SW	.3	.9	1.2	1.9	.2						4.5	10.0
WSW	.4	.6	1.0	1.6	.1						3.7	9.5
W	.6	.8	3.3	7.0		.1					7.8	9.7
WNW	.2	.4	2.1	1.7	.2						5.0	10.2
W	.4	1.1	1.2	.8		.1					3.7	9.4
WNW	.2	.4	1.7	.7							3.7	7.8
VARIABLE												
CALM	////////////////////										2.9	////
TOTALS	9.1	19.4	31.4	30.6	5.3	1.1	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-P7  
MONTH: APR HOURS(LEST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.9	2.6	.8	.4						8.8	7.1
NNE	.4	2.1	1.4	1.0	.1						5.0	7.4
NE	1.3	3.1	1.6	.4							6.4	6.0
ENE	1.3	2.4	.6	.4	.1						5.3	5.3
E	2.3	1.7	.8	.2	.1						5.1	4.8
ESE	.4	1.1	.4	.4							2.4	6.7
SE	.1	2.2	1.7	1.0	.1						5.4	7.8
SSE	.9	2.2	2.4	1.2	.3						7.0	8.0
S	1.9	4.7	4.2	3.2	.3						14.0	8.0
SSW	1.1	3.3	3.8	1.0	.3	.1					12.4	7.1
SW	1.1	1.7	1.0	.6							4.2	6.1
WSW	.7	1.3	.3	.7							2.6	5.2
W	1.1	1.4	2.0	.8							5.3	6.9
WNW	.0	1.2	1.4	1.1		.1					4.8	8.0
NW	.4	.9	.9	.2		.1					2.4	7.5
NNW	.4	.9	1.0	.3							2.7	7.0
VARIABLE												
C/LM	////////////////////										7.0	////
TOTALS	17.1	33.7	26.4	10.0	1.7	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 7P-R7  
MONTH: APR HOURS(1ST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	4.7	2.4	.4	.7						9.4	6.0
NNE	1.0	2.1	1.0	1.6							5.1	6.6
NE	2.1	2.4	1.0	.6							6.1	5.2
NNE	2.1	1.9	.9	.1							5.0	4.7
E	2.6	1.6	.9	.3							5.3	4.8
ESE	.7	.8	.6	.3							2.3	5.8
SE	.5	1.8	1.6	.4							4.3	6.7
SSE	.7	2.9	2.1	.4							6.1	6.3
S	2.4	6.2	5.0	2.9	.6		.1				17.2	7.5
SSW	2.1	4.7	1.7	.6	.1	.1	.1				9.0	6.1
SW	.9	.9	.7								2.4	4.7
WSW	.7	.7	.7			.7					1.9	7.6
W	1.4	2.7	1.0	.8	.1						5.7	6.5
WNW	.4	1.6	.8	.2							3.0	5.9
NW	.6	1.9	.6	.7	.2	.1					3.9	8.0
NNW	.2	.7	1.2	.4	.1						2.7	8.3
VARIABLE												
CALM	////////////////////										10.4	////
TOTALS	22.7	35.4	22.0	5.2	1.4	.4	.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	1.4	2.3	2.1	0.0	.4	.0						8.8	8.0
NNE	.7	1.6	1.7	1.1	.1	.0	.0					5.2	8.1
NE	.9	1.5	1.3	.5	.0	.0						4.3	6.7
ENE	1.2	1.7	1.2	.4	.0							4.6	5.9
E	1.3	1.7	1.6	.4	.0							5.2	5.9
ESE	.5	1.7	.9	.3	.0							3.0	6.6
SE	.5	1.4	1.6	.7	.2	.0						4.2	8.0
SSE	.7	1.7	2.2	1.2	.2		.0					6.0	8.0
S	1.5	3.5	4.0	4.1	.9	.7	.0					14.7	9.4
SSW	1.3	2.7	3.2	2.6	.5	.1	.0					10.5	8.8
SW	.5	1.2	1.4	.9	.2	.1						4.2	8.4
WSW	.7	1.0	.9	.7	.1	.1						3.4	7.5
W	1.0	1.6	2.0	1.8	.2	.7						6.6	8.4
WNW	.6	1.7	1.7	1.0	.0	.0						4.7	8.0
WW	.5	1.1	1.2	.7	.0	.0						3.6	7.7
NNW	.6	.0	1.5	.5	.1							3.8	7.9
VARIABLE													
CALC	////////////////////											7.6	////
TOTALS	19.0	27.1	28.5	19.1	2.9	.7	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 7000



GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.7	3.1	2.5	.8							9.4	5.6
NNE	1.4	1.4	1.1	.5							4.4	5.1
NF	1.5	2.7	.8	.1							4.4	4.5
ENE	1.2	1.4	.6	.3							3.5	4.9
E	2.5	1.7	.6								4.6	3.8
ESE	1.1	1.0	.3								2.4	4.0
SE	1.7	2.4	1.4		.1	.1					5.7	5.4
SSE	3.3	4.9	1.7	.2							11.2	4.6
S	4.7	5.4	3.6	.9	.2						14.4	5.6
SSW	1.9	2.7	2.3	.5							7.1	6.4
SW	1.5	1.0	.4	.1							3.0	4.4
WSW	1.2	.7	.3								1.7	3.6
W	1.2	1.5	.4								3.1	4.4
WNW	.1	.9	.6	.1							1.7	6.4
W4	.3	.6	.8								1.7	6.1
NNW	.6	.9	1.1	.3							2.9	6.3
VARIABLE												
CALM	////////////////////										18.7	////
TOTALS	27.0	31.7	17.7	4.0	.3	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	4.5	3.1	1.0							11.0	6.0
NNE	2.7	2.2	1.2	.1							5.5	4.7
NE	2.5	1.4	.5	.2							4.6	4.0
ENE	1.5	1.4	.2								3.1	3.7
E	1.4	.9	.4								2.7	3.8
ESE	1.2	.4			.1						2.0	3.8
SE	1.4	1.7	1.2	.2	.1						4.6	5.5
SSE	3.7	5.3	1.9	.2							11.1	4.6
S	4.1	4.7	4.1	1.0	.2	.1					15.8	6.1
SSW	1.1	2.4	2.5	.8	.3						7.4	7.1
SW	1.2	1.1	.4	.1							2.8	4.7
WSW	1.3	.6	.4	.2							2.6	4.7
W	1.2	1.1	.3	.4							2.8	4.5
WNW	.3	1.0	.1	.1							1.5	5.0
NW	1.1	.9	.5	.1							2.6	4.8
NNW	.5	1.7	.9	.3							2.7	6.4
VARIABLE												
CALM	////////////////////										19.2	////
TOTALS	26.4	32.6	17.8	4.5	.9	.1					107.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0600-0800

DIRECTION (DIRECTIONS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	1.8	3.2	1.8								9.6	7.3
NNE	1.6	1.9	1.7	1.5								6.8	6.8
NNE	1.2	1.4	1.1	.1								3.8	5.3
ENE	1.7	1.5	1.4	.5								5.2	5.7
E	1.4	1.9	1.6									4.9	5.3
ESE	1.5	1.1	.8	.1	.1	.7						3.9	6.6
SE	1.1	1.5	1.4									4.0	5.4
SSE	2.4	3.7	2.9	.3								9.2	5.8
S	2.3	4.6	7.3	3.3	.6							18.2	8.0
SSW	.3	2.7	4.0	1.9	.2							9.6	8.2
SW	.2	.8	.9	.2								2.2	5.6
WSW	.8	.6	.3	.1	.1							1.9	5.8
W	1.0	.6	.9	.6	.1							3.2	7.1
WNW	.7	.5	.6	.1								1.6	6.2
NW	.4	.3	.8	.5								1.9	7.7
NNW	.5	.8	1.0	.9								3.1	7.7
VARIABLE													
CALC	////////////////////											11.0	////
TOTALS	18.9	26.6	29.7	10.2	1.2	.7						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 773404 STATION NAME: FLYTHEVILLE AFB AF

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS/LEST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	1.5	1.5	5.7	2.6							8.4	8.6
NNE	1.4	1.2	1.0	1.7							6.2	7.7
NE	.5	2.7	1.7	1.3	.2						6.5	7.8
ENE	.5	1.7	1.8	.8							4.8	7.2
E	.6	2.0	1.7	.3							5.7	6.3
ESE	.9	1.3	1.2		.1						3.4	5.9
SE	1.2	2.2	1.0	.2							4.5	5.3
SSE	1.4	2.0	3.1	1.7		.1					8.4	7.7
S	1.7	3.9	5.4	7.6	.4	.2					14.5	6.8
SSW	.7	2.8	3.1	4.5	1.8	.3					12.2	11.2
SW	.7	1.3	2.5	3.2	.2						5.9	8.3
WSW	.1	.8	1.8	1.1							3.8	6.7
W	.7	.3	.6	.5	.3						3.1	8.0
WNW	.5	.1	.5	.5	.1						2.6	7.6
NW	.7	.8	.6	.3							1.7	6.9
NNW	.5	1.0	1.8	.5		.1					4.7	8.3
VARIABLE												
CAL	////////////////////										4.2	////
TOTALS	12.6	20.7	22.7	21.0	3.0	.4					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723402 STATION NAME: RYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-32		
N	1.2	1.7	2.7	2.5	.2			8.3	8.8
NNE	1.2	.6	2.2	1.5	.2	.1		5.9	8.5
NE	.5	1.0	2.2	.5				4.2	7.6
NNE	1.5	1.9	1.7	.2				5.4	8.6
E	1.6	1.7	1.1	.1				4.1	5.3
ESE	.7	1.1	.6	.9				2.5	6.6
SE	.5	1.7	1.0	.3				4.7	6.8
ESE	.5	1.7	2.5	2.6	.1			7.8	6.9
S	2.6	3.2	3.6	2.2	.5	.7		18.2	9.2
SSW	1.2	2.9	3.4	2.1	1.5	.5		12.2	10.1
SW	.7	1.4	4.6	1.4		.1		6.8	8.9
SSW	1.7	.9	2.6	.8				5.2	7.4
W	.5	.5	1.6	.5	.7			4.1	8.7
WNW	.5	.4	.4	.6	.1			2.3	7.4
NW	.7	.7	.7	.7				2.2	7.9
WNW	1.1	1.2	1.5	.7	.1			4.8	7.0
VARIABLE									
CALC	////////////////////							2.4	////
TOTAL	17.3	24.7	34.7	21.5	7.1	1.1		100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: MAY HOURS(EST): 1500-1700

DIRECTION (01-16)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	0.0	0.0	3.5	1.5	0.0							9.2	8.4
NNE	0.4	2.6	2.7	1.5	0.1							7.2	8.1
NE	0.9	1.6	2.2	1.3								5.9	7.4
ENE	1.0	1.6	1.6	0.2								4.3	6.1
E	0.0	1.2	1.0	0.4								4.2	7.0
ESE	0.0	1.0	0.9			0.1						3.0	6.1
SE	0.4	1.7	2.2	0.5								4.8	7.1
SSE	1.0	2.6	3.0	1.5								8.7	7.6
S	1.0	2.6	6.6	4.7	0.4	0.3						16.2	9.9
SSW	1.1	1.4	2.7	2.7	0.0	0.0						8.6	10.2
SW	0.0	1.1	3.5	3.6	0.1							6.6	8.9
WSW	0.0	1.7	2.0	0.9								4.6	7.7
W	0.0	1.7	2.0	1.2	0.0							6.0	9.3
WNW	0.4	0.0	0.0	0.0								2.0	7.6
NW	0.0	0.6	0.5	0.0	0.1							1.9	7.6
NNW	0.4	1.0	0.5	0.0	0.1							3.4	7.0
VARIABLE													
CYCLES	////////////////////											2.9	////
TOTALS	17.0	20.7	30.5	20.4	1.0	1.1						107.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703403 STATION NAME: HLYTHEVILLE AFB AR

PERIOD OF RECORD: 76-97  
MONTH: MAY HOURS(EST): 1960-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.3	1.7	1.2								5.6	7.1
NNE	1.1	2.1	2.0	1.9								6.9	6.3
NE	2.7	1.9	1.6	1.0								6.7	5.6
NNE	1.7	2.5	1.1	1.1								5.7	4.8
E	2.7	2.5	1.1	1.1								5.9	4.5
ESE	1.2	2.7	1.6									4.5	4.5
SE	2.5	1.9	1.3	1.3								6.3	4.8
SSE	2.3	1.3	2.6	1.6								11.0	5.8
S	1.2	5.6	4.1	2.0	1.4	1.1						15.4	7.6
SSW	1.1	2.0	1.3	1.5	1.7							9.5	6.4
SW	1.9	1.9	1.7	1.1								5.6	5.7
WSW	1.1	1.4	1.7	1.1	1.1							7.6	5.7
W	1.9	1.1	1.0	1.2	1.1							7.9	6.6
WSW	1.5	1.9	1.4	1.4								7.7	6.4
WW	1.7	1.1	1.7	1.5								7.9	7.2
WNW	1.1	1.7	1.4	1.5			1.1					7.9	7.4
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	21.5	39.2	22.6	5.3	1.7	1.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: ELYTHEVILLE AFB AR

PERIOD OF RECORD: 76-87  
MONTH: MAY HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
G	1.1	1.6	2.0	1.3								6.2	7.3
NNE	1.6	3.1	.9	.4	.1							6.1	5.5
NE	2.6	1.4	1.2	.3								5.6	5.0
NNE	1.3	2.0	.5									4.4	4.0
E	2.6	2.2	.2									4.9	3.6
ESE	1.7	2.0	.4		.1							4.3	4.3
SE	2.7	2.4	1.4	.1	.1							7.6	5.1
SSE	4.2	4.6	2.2	.3								11.6	4.7
S	3.5	7.2	3.8	1.0								15.3	5.7
SSW	1.1	2.4	.4	.4	.1	.2						5.8	6.0
SW	1.1	1.5	.1	.1								2.8	4.2
WSW	.2	.9	.2	.1								1.8	5.1
W	.4	.4	.6	.2								2.0	6.2
WNW	.4	.9	.6	.2	.1							2.3	6.7
W	.2	.9	.5	.4								2.2	7.2
WNW	.4	.4	.5	.3	.1							2.0	7.6
VARIABLE													
CALC	////////////////////////////////////											14.9	////
TOTALS	27.1	31.2	16.8	5.3	.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 921



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-32		
N	1.5	2.6	2.7	1.6	.1			8.5	7.3
NNE	1.4	2.0	1.7	1.0	.1	.0		6.1	6.7
NE	1.4	1.7	1.4	.6	.0			5.2	6.0
ENE	1.4	1.7	1.1	.3				4.6	5.3
E	1.6	1.7	1.1	.1				4.6	5.0
ESE	1.1	1.4	.6	.1	.1	.1		3.3	5.3
SE	1.5	2.2	1.5	.2	.0	.0		5.5	5.6
SSE	2.4	3.9	2.6	1.0	.0	.0		9.9	6.0
S	2.5	4.6	5.1	2.8	.4	.2		15.6	7.7
SSW	1.2	2.5	2.5	1.7	.6	.2		8.7	6.6
SW	.9	1.0	1.6	.6	.0	.0		4.4	7.0
WSW	.7	.9	1.0	.4	.0			3.1	6.6
W	.3	1.0	.9	.5	.1			3.4	7.1
WNW	.4	.7	.6	.3	.0			2.1	6.8
W	.4	.6	.6	.4	.0			2.0	6.9
ENE	.6	1.0	1.0	.6	.0	.1		3.3	7.2
VARIABLE									
CALM	////////////////////////////////////							10.0	////
TOTALS	20.1	29.7	25.0	12.1	1.5	.5		100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 7940

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 75-87  
MONTH: JUN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	4.4	1.1	.4								7.6	5.3
NNE	1.9	1.4	.6	.1								4.0	4.4
NE	1.5	2.7	.1									4.3	3.7
NNE	1.3	.4										2.1	2.7
E	1.3	.4	.2									2.0	3.1
ESE	1.1	.7										2.0	2.9
SE	1.7	1.6	.6									3.8	4.1
SESE	4.6	4.3	1.6	.1								10.8	4.3
S	5.3	10.7	4.7	.8								21.1	5.1
SSW	2.1	4.3	2.0	.4								8.9	5.3
SW	.3	1.0	.3	.1								2.2	4.5
WSW	1.0	.2		.1								1.3	3.1
W	2.2	.7										2.9	2.6
WNW	.5	.1	.1									.8	3.0
NW	.7	1.7	.1									2.1	4.2
NWN	.4	.8	.2	.2								1.8	5.9
VARIABLE													
CALM	////////////////////											22.3	////
TOTALS	24.3	35.4	11.6	2.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 0300-0500

DIRECTION (090 DEGS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	4.2	2.2	.1	.1							9.3	5.1
NNE	2.0	1.2	.3	.3	.1							4.0	4.7
NE	1.7	1.7	.2									3.6	3.8
NNE	1.6	.2	.2									2.0	3.0
E	1.6	.3	.1									1.9	2.5
ESE	1.1	.2	.2									1.8	3.3
SE	1.6	1.2	.4	.1								3.3	4.2
SSE	4.2	2.7	.7									7.6	3.7
S	6.3	9.2	5.2	.8								21.6	5.2
SSW	3.1	3.9	2.7	.3								10.8	4.9
SW	1.1	1.0	.3	.1		.1						2.7	5.1
WSW	2.0	.3										2.6	2.2
W	1.1	.4		.1								1.7	3.7
WNW	.7	.2	.1									1.0	3.3
WW	.6	1.0	.1									1.7	3.7
NNW	1.1	.8	.8									2.7	4.7
VARIABLE													
CALM	////////////////////											22.1	////
TOTALS	33.6	28.4	13.7	1.9	.2	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 70-87  
MONTH: JUN HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	3.4	2.6	1.4							9.3	6.7
NNE	2.1	2.0	1.0	.1							5.2	4.5
NE	1.2	1.2	1.0	.1							3.6	5.0
ENE	1.2	1.8	1.4	.1							4.6	5.4
E	1.9	1.7	1.4								5.0	4.7
ESE	.9	1.7	.7								2.2	4.1
SE	.7	1.9	.2								2.8	4.5
SSE	1.9	2.2	1.1								5.8	4.6
S	1.1	6.6	6.0	7.4	.2						19.3	6.8
SSW	2.3	5.9	5.3	2.9	.2	.1					16.8	7.3
SW	1.7	1.0	1.7	.4	.1						4.6	6.7
WSW	1.2	.9	.1								2.1	3.6
W	1.3	1.7	.1	.1							3.2	4.2
WNW	1.0	.2	.2								1.4	3.2
NW	.7	.0	.3								1.4	4.8
NNW	.4	.6	.9	.2							2.3	6.2
VARIABLE												
CALM	////////////////////										11.3	////
TOTALS	22.9	33.4	23.8	7.9	.6	.1					107.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: JUN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	1.3	2.4	1.7								7.1	7.5
NNE	1.1	2.0	1.4	.6								5.1	6.2
NE	1.2	1.1	1.9	.3								4.7	6.0
ENE	1.4	1.0	1.2	.4								4.3	6.0
E	.7	2.6	1.1	.2								4.8	5.5
ESE	1.0	1.7	.6									3.2	4.8
SE	.4	1.3	.2	.2								2.1	5.4
SSE	1.4	2.1	2.1	.1								5.8	5.6
S	1.6	4.0	4.0	7.5	.2							13.3	8.0
SSW	1.6	4.2	4.6	4.8	1.1							16.2	9.2
SW	.8	3.7	3.3	7.1	.1	.1						9.8	8.0
WSW	1.7	3.7	2.9	.6								8.4	6.2
W	1.1	1.7	.6	.1								3.4	5.0
WNW	.7	1.2	.4	.1								2.4	5.1
NW	.6	.7	.6	.1	.1							2.0	5.6
NNW	.6	1.0	1.2	.3								3.1	6.9
VARIABLE													
CALM	////////////////////											3.9	////
TOTALS	17.7	33.7	28.6	15.2	1.6	.1						103.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 7P-R7  
MONTH: JUN HOURS(EST): 1700-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.3	3.2	1.1	.1						7.9	7.4
NNE	1.5	2.1	1.0	.4	.1						5.2	5.8
NE	.4	1.6	1.2	.5							3.6	6.7
NNE	1.2	1.7	.9		.1						3.9	5.4
E	1.7	2.2	1.0								4.4	5.0
ESE	1.1	1.7	.6								3.3	4.8
SE	.7	1.3	1.3	.2							3.6	6.1
SSE	.9	3.3	2.4	.7							7.2	6.5
S	1.6	2.7	4.2	7.2	.6						12.2	8.8
SSW	.9	3.3	3.8	4.4	1.0						13.3	9.7
SW	.7	2.2	7.7	1.2	.1	.1					8.0	8.1
WSW	1.9	2.9	2.8	1.7							9.1	6.7
W	1.2	1.6	2.4	.1	.2						5.6	6.8
WNW	.7	.7	1.0	.2							2.6	6.2
NW	.7	.7	.4	.2	.1						2.1	6.0
NNW	.9	1.0	1.0	.7				.1			3.7	7.6
VARIABLE												
CALM	////////////////////										4.2	////
TOTALS	16.0	71.1	31.0	14.6	2.3	.1		.1			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	2.8	3.0	1.1	.7							7.9	7.9
NNE	.9	2.6	2.4	1.0								6.9	7.2
NE	.7	1.1	1.2	.2								3.2	6.2
ENE	1.2	1.6	1.4	.2								4.4	5.9
E	1.1	2.1	.9	.0								4.3	5.1
ESE	1.4	2.3	1.0	.1								4.9	5.0
SE	.9	1.7	1.4	.4								4.1	6.3
SSE	1.2	2.3	4.9	1.9	.1							10.4	7.9
S	1.2	2.4	5.1	4.9	.1							13.9	9.2
SSW	.1	1.8	4.1	3.0	.7	.1						9.9	10.0
SW	1.3	2.1	3.0	1.6	.2		.1					8.0	8.1
WSW	1.0	1.8	2.1	.7	.1							5.7	7.1
W	1.2	1.9	2.0	.4								5.6	6.2
WNW	.7	.7	1.0	.1								2.4	6.1
NW	.7	.4	1.1	.2								2.1	7.2
NNW	.4	1.1	.9	.7	.1							3.1	7.4
VARIABLE													
CALC	////////////////////											3.2	////
TOTALS	13.9	24.7	35.6	16.6	1.7	.2	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: JUN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.9	2.1	.9							5.9	6.9
NNE	1.2	1.8	1.3	.6							4.9	5.9
NE	2.7	1.6	2.2	.1							6.1	5.4
NNE	1.7	1.4	.3								4.0	3.6
E	3.1	1.7	.4								5.2	3.4
ESE	1.4	1.4	.3	.2							3.5	4.6
SE	2.7	2.7	2.0	.2							7.6	5.1
SSE	2.7	5.1	5.0	.9	.1						13.5	6.4
S	2.9	4.6	5.9	2.5		.1					15.9	7.2
SSW	2.3	2.9	1.9	.3	.2						7.7	5.6
SW	1.9	2.5	2.0	.4							6.8	5.7
WSW	1.2	1.7	.4	.4							3.3	5.4
W	1.1	.6	.3	.1							2.3	4.6
WNW	.4	.1	.7								1.7	5.7
NW	.7	.1	.4	.3							2.0	6.1
NNW	.6	.9	.7	.7							2.8	7.0
VARIABLE												
CALM	////////////////////////////////////										6.8	////
TOTALS	26.4	32.7	26.2	7.7	.7	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 897



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723402 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 7P-P7  
MONTH: JUN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	1.5	2.6	1.2	.6								6.4	5.6
NNE	1.4	2.3	.6		.1							4.6	4.7
NF	1.5	1.7	.7	.1								4.2	4.3
NNE	1.1	1.1	.2									2.4	3.6
E	2.2	.7	.2									3.1	3.1
ESE	2.1	2.0	.2									4.3	3.5
SE	1.1	2.3	.6	.1								4.8	4.4
SSE	5.4	5.0	2.8	.1								13.3	4.5
S	5.5	9.8	4.0	.8								20.1	5.1
SSW	3.6	2.9	1.2	.3								8.0	4.5
SW	1.2	.9	.6									2.7	4.1
WSW	.7	.7	.1									1.1	4.7
W	.7	.9	.1									1.3	4.3
WNW	.7	.7	.1									1.1	3.9
NW	.4	.4	.2	.1								1.2	5.7
NNW	.7	.7	.6	.3	.1							2.2	7.2
VARIABLE													
CALM	////////////////////											19.1	////
TOTALS	32.5	34.0	13.7	2.5	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-97  
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	2.9	2.1	.9	.1						7.7	6.5
NNE	1.3	2.0	1.1	.4	.0						5.0	5.5
NE	1.3	1.6	1.1	.2							4.2	5.1
NNE	1.4	1.3	.7	.1	.0						3.5	4.8
E	1.6	1.5	.7	.1							3.9	4.3
ESE	1.3	1.4	.4	.0							3.2	4.3
SE	1.3	1.7	.8	.2							4.0	5.0
SSE	2.7	3.5	2.6	.5	.0						9.3	5.5
S	3.4	6.3	4.6	7.4	.1	.0					17.0	6.6
SSW	2.1	3.7	3.2	2.1	.4	.0					11.5	7.4
SW	1.1	1.8	1.9	.8	.1	.0	.0				5.6	7.0
WSW	1.7	1.4	1.1	.4	.0						4.2	5.8
W	1.2	1.0	.7	.1	.0						3.3	5.1
WNW	.7	.5	.5	.1							1.7	5.0
NW	.5	.7	.4	.1	.0						1.8	5.6
NNW	.6	.5	.8	.4	.0						2.7	6.7
VARIABLE												
CALM	////////////////////////////////////										11.6	////
TOTALS	23.7	32.1	23.0	18.6	.0	.1	.0	.0			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 7194

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722404 STATION NAME: MEYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	3.7	3.9	.8	.1								7.7	4.2
NNE	1.3	1.7	.9	.1								4.0	4.6
NE	.6	.9	.2									1.7	4.1
ENE	1.5	1.2	.7	.1								3.1	3.7
E	1.6	1.7		.1								2.4	3.5
ESE	1.6	.2										1.7	2.6
SE	1.1	.6	.2									1.9	3.6
SSE	3.7	3.1	.5	.2								7.5	4.7
S	4.3	6.9	2.0									13.2	4.6
SSW	6.1	7.5	3.0									16.7	4.6
SW	1.1	1.0										2.1	4.1
WSW	1.6	1.7	.7									2.9	3.7
W	.4	.5	.1									1.0	3.9
WNW	.9	.1	.1									.6	3.9
NW	.7	.1	.7									.9	5.3
NNW	.7	1.1		.1								1.9	4.6
VARIABLE													
CALM	////////////////////											26.3	////
TOTALS	30.1	37.7	9.4	.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703402 STATION NAME: ELYTHVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-24	25-33	34-40	41-47	48-55	GE 56		
N	3.1	.2	1.2	.1							10.2	4.3
NNE	1.5	1.4	.5								4.2	4.3
NE	1.3	.9	.7								2.6	3.8
ENE	1.3	.7	.4								2.2	3.2
E	1.9	.6	.2								2.2	3.3
ESE	.3	.6	.1								1.2	3.9
SE	1.2	.8	.2								2.2	3.6
SSE	2.7	2.7									5.2	3.6
S	9.8	6.7	1.2	.1							12.3	4.1
SSW	6.2	7.7	3.0	.5	.1						16.7	5.0
SW	2.7	2.6	1.0	.2	.1						5.7	4.7
WSW	1.7	.6	.2								2.2	3.2
W	.1	.7									.9	3.0
WNW	.2	.1									1.2	2.7
Ww	.9	.9	.1								1.0	3.8
WNW	.7	1.7		.1							1.9	4.7
VARIABLE												
UNP	////////////////////										27.3	////
TOTALS	21.7	31.4	8.3	1.2	.7						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 931

SEC 31 CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATION

STATION NUMBER: 70340- STATION NAME: RLYTHVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS (LST): 0600-0600

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	GE 50	
N	1.0	2.0	2.3	.1							7.4	5.5
NNE	1.0	2.0	1.7	.4							6.1	5.7
NE	1.7	1.7	1.3	.1	.1						4.9	5.2
ENE	.1	1.7	.2	.2							2.6	4.9
E	1.0	1.0	.4	.1							4.1	4.1
ESE	1.0	.4	.2								2.0	3.3
SE	1.0	1.0	.2								3.0	3.8
SSE	1.7	2.0	.4								4.5	4.7
S	2.0	6.7	3.4	.4							12.4	5.5
SSW	1.7	4.0	5.4	.4							16.7	5.7
SW	1.0	4.4	1.6	.8							8.8	5.5
WSW	1.1	1.5	1.2	.1							3.9	5.3
W	1.0	1.7		.1							2.8	4.1
WNW	.0	.4									1.5	3.6
W	.1	.4	.1								1.6	5.6
WNW	1.1	.4	.4	.2							2.2	4.9
VARIABLE												
CALC	////////////////////////////////////										14.0	////
TOTALS	22.1	29.5	15.9	1.4	.1						120.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 773408 STATION NAME: RLYTNEVILLE AFB AR

PERIOD OF RECORD: 77-96  
MONTH: JUL HOURS(EST): 0900-1100

DIRECTION (GLOUES)	WIND SPEED IN KNOTS						TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27		
N	1.2	1.0	1.4	1.0	.1		5.5	6.8
NNE	1.4	2.2	3.4	.5			7.5	6.5
NE	.1	1.1	2.0	.5			3.8	7.7
NNE	.4	1.7	1.2	.2			3.1	6.7
E	1.2	1.4	.9	.2			3.7	5.2
ESE	1.5	1.1	.6				3.2	4.4
SE	.4	.8	.4				1.6	5.1
SSE	1.4	1.1	1.4	.1			4.0	5.7
S	1.7	4.8	3.8	.1			10.4	5.1
SSW	1.4	4.8	5.2	.6	.1		12.1	5.7
SW	1.5	5.1	3.4	1.4			11.7	5.1
WSW	2.3	4.1	3.2	.8			10.4	
W	2.5	4.5	1.6	.2			8.8	
WNW	.3	1.3	.6				2.2	
NW	.5	.5	.8	.1			1.9	
NNW	.3	1.7	.1				2.1	
VARIABLE								
CALC								
TOTALS	13.7	25.4	30.1	3.8	.2			

TOTAL NUMBER OF OBSERVATIONS: 93.

AD-A188 223

BLVINEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. OCT 87  
USAFETAC/DS-87-064

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.8	1.8	.4								4.6	6.9
NNE	.6	1.4	3.5	1.5	.1							7.6	8.2
NE	.5	1.0	2.6	.4								4.5	7.5
ENE	.8	1.6	1.4	.3								4.1	6.0
E	.9	2.2	1.6	.1								4.7	5.4
ESE	1.0	1.2	.8	.2								3.1	5.3
SE	1.3	1.5	.6	.3								3.8	5.0
SSE	1.2	2.2	1.7	.4								5.5	6.0
S	1.4	3.0	5.3	.6								10.3	7.0
SSW	1.2	3.4	3.8	1.3	.4							10.4	7.4
SW	1.1	3.5	3.8	1.7	.1							10.2	7.5
WSW	2.7	3.7	2.9	.4								9.7	5.6
W	.8	2.7	2.2	.4								6.0	6.5
WNW	1.5	1.5	1.1									4.1	4.8
NW	.5	.5	.6									1.7	5.2
NWw	.4	1.2	1.4									3.0	6.1
VARIABLE													
CALM	////////////////////////////////////											6.6	////
TOTALS	16.3	33.1	35.1	8.3	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.2	1.5	.6							4.4	7.1
NNE	.3	2.2	3.1	.3							5.9	7.1
NE	.6	2.8	3.5	1.3							8.3	7.5
ENE	.6	1.0	1.6	.1							3.3	6.4
E	1.5	2.9	1.7	.1							6.3	5.5
ESE	.9	2.5	1.7	.1							5.2	5.8
SE	.3	1.4	1.0	.2							3.3	5.5
SSE	.6	3.3	2.8	.5							7.3	6.6
S	1.3	3.2	4.9	1.0							10.4	7.0
SSW	.9	2.8	3.5	1.8	.2						9.2	7.8
SW	1.5	2.8	4.6	1.3	.1						10.3	7.3
WSW	1.6	4.2	2.8	.5							9.1	6.0
W	.8	2.6	2.2	.2	.1						5.8	6.7
WNW	.4	1.7	.5								2.6	5.4
WW	.3	.9	.4	.1							1.6	5.7
NNW	.4	1.7	.8	.3	.1						2.9	6.6
VARIABLE												
CALM	////////////////////										3.9	////
TOTALS	12.7	36.1	37.1	9.7	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.5	.9				.2				3.8	6.4
NNE	1.7	2.4	1.3	.2	.1						5.7	5.4
NE	2.5	3.7	1.6	.2							7.5	5.0
NNE	2.4	1.4	.1								4.3	3.6
E	2.6	2.7	.6								5.3	3.9
ESE	2.2	1.8	.2	.1							4.3	3.9
SE	2.7	3.2	.8								6.7	4.1
SSE	2.2	4.6	2.0	.6							9.5	5.6
S	2.3	6.8	3.2	.4	.1						12.8	5.5
SSW	1.5	3.8	2.4	1.2	.1						8.9	6.8
SW	2.2	3.3	1.0	.3							6.8	5.0
WSW	1.6	1.5	.8	.1	.1						4.1	5.2
W	1.5	1.3	.3	.1	.1						3.3	4.6
WNW	.5	.3	.2	.2							1.4	5.9
W	.4	.0	.3								1.5	4.6
NNW	.5	.0	.2			.1					1.2	5.7
VARIABLE												
CALM	////////////////////										13.7	////
TOTALS	24.2	30.7	15.0	2.5	.5	.1	.2				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340H STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-96  
 MONTH: JUL HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.2	.4	.2			.1					4.3	5.2
NNE	1.4	2.7	.2	.1								4.9	4.1
NE	2.5	2.0	.1									4.6	3.4
ENE	3.1	.9	.3	.1								4.4	3.2
E	2.7	.6	.1									3.4	2.8
ESE	1.7	1.2	.3									3.2	3.4
SE	2.5	2.3	.2									4.9	3.5
SSE	3.4	4.5	1.5	.2								9.7	4.5
S	3.4	4.5	2.6	.2								14.7	4.9
SSW	3.7	7.1	2.3	.1								13.1	4.6
SW	1.7	2.6	.3	.1								4.6	4.1
WSW	.8	1.3	.1									2.2	4.4
W	.4	.5	.1	.1								1.2	4.7
WNW	.2	.7	.1	.1								.8	5.9
NW	.2											.2	3.0
NNW	.1	.1	.2									.4	6.5
VARIABLE													
CALM	////////////////////											23.2	////
TOTALS	29.7	36.7	9.0	1.3			.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-32	34-40	41-47	48-55	56-66	
N	1.7	2.6	1.3	.3	.0		.0				5.9	5.5
NNE	1.4	2.2	1.9	.4	.0						5.9	6.0
NE	1.3	1.7	1.5	.3	.0						4.7	5.8
ENE	1.4	1.2	.7	.1							3.4	4.7
E	1.7	1.6	.7	.1							4.1	4.4
ESE	1.3	1.2	.5	.1							3.0	4.4
SE	1.4	1.5	.5	.1							3.4	4.3
SSE	2.1	3.1	1.3	.3							6.8	5.0
S	2.7	5.7	3.4	.4	.0						12.2	5.5
SSW	3.1	5.7	3.6	.8	.1	.0					13.2	5.8
SW	1.7	3.2	2.0	.7	.0	.0					7.8	6.0
WSW	1.6	2.0	1.4	.2	.0						5.5	5.5
W	1.0	1.8	.8	.1	.0						3.8	5.3
WNW	.7	.8	.4	.0							1.9	4.8
NW	.4	.4	.4	.0							1.3	5.1
NNW	.5	1.0	.4	.1	.0	.0					2.0	5.3
VARIABLE												
CALM	////////////////////										15.1	////
TOTALS	23.6	35.9	20.6	4.1	.3	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(1ST): 0000-0200

DIRECTION (DULGHEES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.3	5.2	1.8	.2							11.2	4.7
NNE	3.1	1.7	1.0								5.7	3.9
NE	3.2	1.0									4.2	2.6
ENE	1.2	1.0	.2								2.4	3.6
E	1.5	.5	.1	.1							2.3	3.3
ESE	1.2	.5									1.7	2.6
SE	1.4	.9	.1								2.4	3.5
SSE	3.1	3.2	.5								6.8	3.8
S	7.3	6.4	2.4	.2							17.1	4.4
SSW	3.3	3.7	1.5	.1							8.6	4.6
SW	1.7	.4									2.5	2.9
WSW	1.6	.4	.1								2.2	2.9
W	.1	.2									.3	3.3
WNW	.1	.2	.5								1.0	6.8
NW	.2	.4	.1	.1							1.0	5.3
NNW	.4	.4	.4								1.6	4.7
VARIABLE												
CALM	////////////////////										29.2	////
TOTALS	32.5	25.0	9.2	.8							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.3	0.7	2.5	.3								15.5	4.3
NNE	2.4	2.0	1.0	.1								5.5	4.3
NE	1.5	.6										2.2	2.8
ENE	1.7	.3	.1									2.2	2.7
E	2.7	.9										3.5	2.7
ESE	.5	.2										.9	2.7
SE	1.0	1.3	.1									2.4	3.8
SSE	1.6	2.3	.3									4.2	4.1
S	5.2	7.8	3.3	.2								16.6	4.8
SSW	4.1	3.4	1.2	.4								9.5	4.4
SW	1.6	1.0	.2									2.8	3.8
WSW	1.0	.1										1.1	2.3
W	.3	.6										1.4	3.7
WNW	.1	.7	.1									.5	5.2
NW	.6	.4		.1								1.2	3.7
NNW	.2	1.7	.3									2.3	5.0
VARIABLE													
CPLM	////////////////////											28.6	////
TOTALS	31.7	30.1	4.1	1.2								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LEST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	5.0	3.9	.5							13.3	5.5
NNE	2.6	3.4	2.4	.1	.1						8.6	5.3
NE	.9	1.2	.4								3.0	4.6
NNE	1.6	1.2	.9								3.7	4.3
E	2.0	.8	.1								2.9	3.1
ESE	1.3	1.6	.1								3.0	3.4
SE	1.3	1.3	.2								3.3	3.5
SSE	2.0	3.4	1.0	.1							6.6	4.9
S	3.7	7.7	4.6	.9							16.9	5.7
SSW	2.2	6.7	4.7	.2							13.8	5.9
SW	.5	2.6	1.3								4.4	5.7
WSW	.2	.8	.3								1.3	5.3
W	.9	.5		.1							1.4	3.8
WNW	.2	.4	.2	.1							1.0	5.7
NW	.1	.1									1.1	2.8
NNW	.5	1.2	.4								2.4	4.5
VARIABLE												
CALM	////////////////////										13.4	////
TOTALS	24.6	39.2	20.5	2.0	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH  
 SAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 773402 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
 MONTH: AUG HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.4	2.6	3.4	.9							7.3	7.4
NNE	1.5	3.7	4.5	.5	.2						10.4	6.8
NE	1.4	3.0	1.9	.1							6.5	5.5
ENE	.9	1.8	.6	.3							3.7	5.4
E	1.3	1.2	.6								3.1	4.7
ESE	1.1	1.1	.2								2.3	4.1
SE	1.2	1.3	.3								2.8	4.0
SSE	.8	2.0	.4	.5							3.8	5.8
S	1.7	6.0	5.3	1.9							14.9	6.8
SSW	2.2	5.3	7.3	1.7	.1						16.6	7.2
SW	1.6	4.1	3.2	.2							9.1	5.8
WSW	1.5	2.7	1.4		.1						5.7	5.3
W	1.5	2.0	.8								4.3	4.4
WNW	.4	.5	.2								1.2	4.5
NW	1.3	1.0	.4								2.7	4.2
NNW	1.0	.8	.3								2.0	3.9
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	19.6	39.0	31.1	6.2	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N	1.0	2.3	3.6	1.1							8.1	7.4
NNE	1.4	3.4	4.5	.9							10.2	7.1
NE	1.7	2.3	2.7	.6							6.6	6.7
ENE	1.1	2.0	1.4	.4							4.9	6.0
E	1.0	2.4	1.5								4.8	5.6
ESE	.5	1.4	.1								2.0	4.4
SE	1.0	.9	.5	.1							2.5	4.8
SSE	1.2	2.2	1.3	.4							5.1	5.7
S	1.4	3.0	4.6	2.8							12.7	7.6
SSW	1.7	3.8	6.2	2.5	.1						14.3	7.7
SW	1.1	4.0	2.6	.4							8.1	6.1
WSW	.9	3.7	.8	.3							5.6	5.4
W	.4	3.5	1.3	.1							5.8	5.3
WNW	.5	.9	.5								1.9	4.7
NW	.3	.3	.4	.1							1.2	6.5
NNW	.3	.9	.8	.2	.1						2.7	6.6
VARIABLE												
CALM	////////////////////										3.5	////
TOTALS	15.6	37.6	32.0	10.0	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723469 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.8	2.7	1.9								8.3	8.0
NNE	1.0	3.5	4.7	1.5	.1							10.9	7.6
NE	.6	2.8	1.9	.8								6.1	6.7
ENE	1.6	3.8	1.3									6.7	4.9
E	1.1	2.8	1.2									5.1	5.1
ESE	.4	1.8	1.6	.1								4.9	6.1
SE	.4	2.0	.9									3.3	5.3
SSE	.5	1.9	1.7	.2								4.6	6.2
S	1.3	4.2	7.1	4.6								16.6	8.1
SSW	1.1	3.5	5.2	2.4	.1							12.3	7.7
SW	.9	2.6	1.8	.6								5.9	6.6
WSW	1.5	1.9	.4		.1							4.0	4.6
W	.4	1.4	.4	.1								2.7	5.0
WNW	.8	1.0	.6	.2								2.6	5.7
NW	.4	.9	.6	.3								2.3	6.5
NNW		.6	.4	.3	.1							1.5	8.5
VARIABLE													
CALM	////////////////////											3.3	////
TOTALS	13.4	37.6	32.7	12.5	.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(1ST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	3.7	2.6	.9							9.5	6.0
NNE	2.5	5.4	1.4	.8	.1						9.7	5.6
NE	4.4	2.6	.6								7.6	3.5
NNE	2.8	.8	.2								3.8	2.9
E	3.1	1.4	.1								4.6	3.0
ESE	1.9	1.0	.2								3.1	3.4
SE	2.5	2.4	1.0								5.8	4.3
SSE	2.4	4.7	1.6	.1							8.8	4.7
S	2.2	8.5	4.5	.8							17.0	5.8
SSW	2.3	3.9	1.6	.1							7.8	4.9
SW	1.7	1.1	.1	.1							2.6	3.6
WSW	1.1	1.0	.1								2.2	3.6
W	.5	.6	.1	.1							1.4	4.3
WNW	.4	.4	.1	.1							1.1	4.8
NW	.1	.2	.1								.5	5.2
NNW	.2	.5	.3								1.1	4.9
VARIABLE												
CALM	////////////////////										13.4	////
TOTALS	30.3	39.2	15.1	2.9	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723406 STATION NAME: SLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	5.1	1.8	.1							9.5	4.8
NNE	2.4	2.9	1.2	.3							6.8	4.9
NW	2.4	1.2									4.0	2.7
NNE	3.2	.8	.3								4.3	3.1
E	3.2	.5	.3								4.1	2.8
ESE	2.7	.5	.2	.1							2.9	3.6
SE	2.0	2.3	.2								4.5	3.6
ESE	3.0	4.7	1.0								8.7	4.3
S	6.5	7.7	2.6	.5							17.5	4.7
SSW	4.3	3.2	.2								7.8	3.5
SW	1.5	.9	.1								2.5	3.5
SSW	1.0	.4	.1	.1							1.6	3.9
W	.4	.2	.2								.9	4.6
WNW		.1									.1	5.0
WW	.2	.2	.2								.8	5.0
WNW	.5	1.1	.1	.1							1.8	4.8
VARIABLE												
CAL"	////////////////////										22.3	////
TOTALS	35.5	32.7	6.8	1.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHLVLLE AFR AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LEST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	4.3	2.8	.7							10.3	5.7
NNE	2.0	3.7	2.6	.5	.1						8.5	6.0
NE	2.0	1.9	1.0	.2							5.0	4.7
ENE	1.8	1.5	.6	.1							3.9	4.3
E	2.0	1.7	.5	.0							3.8	3.9
ESE	1.1	1.0	.3	.0							2.5	4.0
SE	1.4	1.5	.4	.0							3.4	4.1
SSE	1.8	3.1	1.0	.2							6.1	4.8
S	3.8	6.6	4.4	1.4							16.2	5.9
SSW	2.6	4.2	3.5	.9	.0						11.3	6.1
SW	1.3	2.1	1.2	.2							4.7	5.3
WSW	1.1	1.4	.4	.1	.0						2.9	4.6
W	.7	1.2	.3	.1							2.3	4.7
WNW	.7	.5	.3	.1							1.2	5.3
NW	.5	.5	.2	.1							1.3	4.9
NNW	.5	.0	.4	.1	.0						1.0	5.3
VARIALE												
CALM	////////////////////										14.7	////
TOTALS	25.4	35.2	19.9	4.6	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.3	5.9	3.4	1.0	.2						15.9	5.4
NNE	3.1	2.4	.7	.2							6.3	4.2
NE	2.3	.8	.2	.3							3.7	3.9
ENE	1.2	.3	.2								1.8	3.4
E	4.2	.8	.1								5.1	2.5
ESE	1.7	.3									2.0	2.6
SE	.9	1.1	.3	.1							2.4	4.6
SSE	3.2	3.6	1.4	.1							8.3	4.4
S	4.3	5.0	3.2	.4							13.0	5.1
SSW	1.9	1.9	.9								4.7	4.4
SW	1.1										1.1	2.2
WSW	.7	.7									.6	2.8
W	.4	.2									.7	2.3
WNW	.4	.1	.1								.7	3.5
NW	.4	.2	.3	.1							1.0	5.2
NNW	.9	.2	1.3	.1	.1						3.2	6.5
VARIABLE												
CALM	////////////////////										28.8	////
TOTALS	31.7	24.4	12.3	2.4	.3						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	5.4	6.6	3.9	.9							17.1	5.1
NNE	3.1	1.1	1.1	.1	.1						5.6	4.6
NF	.6	.4	.1	.2	.1						1.4	6.2
NNE	2.2	.4		.1							2.8	3.0
L	2.8	.8	.4								4.0	3.3
ESE	.8	1.1	.3								2.2	4.3
SE	.9	1.0	.2								2.1	3.7
SSE	4.2	3.1	.9	.1							8.3	4.0
S	2.4	5.0	2.7	.8							10.9	5.7
SSW	1.9	2.8	.9	.1							5.7	4.5
SW	.8	.2	.1								1.1	3.3
WSW	.6										.6	2.0
W	.2										.2	2.0
WNW	.6	.1									.7	2.0
NW	.5	.6	.2								1.3	4.3
NNW	1.3	2.0	.8								4.1	4.7
VARIABLE												
CALM	////////////////////										31.9	////
TOTALS	28.7	25.2	11.7	2.3	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(151): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.0	6.0	4.9	2.0	.2						17.1	6.3
NNE	2.6	2.4	1.9	.6	.1						7.6	5.5
NE	1.2	1.0	1.0								3.2	4.6
NNE	1.3	.6	.1	.2							2.2	4.0
E	3.1	1.1	.3								4.6	3.0
ESE	1.8	1.4	.9								4.1	4.5
SE	1.6	1.0	.3	.3							3.2	4.9
SSE	2.8	3.4	1.3								7.6	4.4
S	2.0	5.9	6.0	.6							14.4	6.4
SSW	1.6	3.8	2.7	.1							8.1	5.8
SW	1.2	.6									1.8	3.1
WSW	.4	.1									.6	2.4
W	.6	.7	.1								.9	3.1
WNW	.7		.1	.1							.9	4.4
NW	.2	.7	.2								.8	4.6
NNW	.6	1.9	1.2	.2							3.9	6.2
VARIABLE												
CPL 4	////////////////////										19.1	////
TOTALS	25.6	29.8	21.1	4.1	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	2.0	3.8	2.9		.1						11.0	8.9
NNE	1.7	2.3	4.1	2.2	.3							10.0	8.3
NE	2.1	2.8	2.4	.9								8.2	6.1
ENE	1.4	1.7	1.3	.6								5.0	5.9
E	1.2	1.4	.6	.2								3.9	5.1
ESE	.9	2.4	.8	.1								4.0	5.1
SE	.9	1.4	.4	.9	.1							3.8	6.9
SSE	1.0	2.0	.6	.4	.1							4.4	5.9
S	1.3	4.6	5.6	2.4	.1							15.4	7.8
SSW	1.6	4.2	4.8	2.0	.2							13.8	7.8
SW	1.1	2.7	1.6	.6								5.8	6.5
WSW	1.7	1.2	.2	.2								3.3	4.2
W	1.2	.8	.1									2.1	3.3
WNW	.9	.4	.1									1.8	3.4
NW	.3	.1	.3									.6	5.7
NNW	.6	1.1	.2	.1								2.0	5.0
VARIABLE													
CALM	////////////////////											4.7	////
TOTALS	19.1	31.6	27.0	16.8	.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(UT): 1700-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	2.3	5.8	3.6	.3	.1					13.0	9.7
NNE	1.3	3.4	2.8	1.9							12.4	7.3
NE	.7	2.7	2.1	.7							6.1	6.7
ENE	1.2	2.8	.9								4.9	4.9
E	1.6	4.7	1.0								6.9	4.7
ESE	.3	2.4	.1	.4							3.8	5.6
SE	.9	1.0	.6		.2						2.7	6.1
SSE	.9	1.7	1.9	1.1							5.6	7.2
S	1.1	3.4	3.0	3.3	.1						11.3	8.2
SSW	1.3	3.8	5.0	2.6	.1						12.8	8.0
SW	.4	2.3	3.2	1.1							7.1	7.7
WSW	.3	1.6	.8	.1							3.2	5.1
W	1.2	.7	.2								2.1	3.5
WNW	.4	1.1	.6	.2							2.3	6.2
NW	.7	.6	.4								1.7	4.5
NNW	.7	.9	1.2	.3							3.1	6.6
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	14.9	35.3	30.6	15.3	.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 773405 STATION NAME: RHYTMVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-15	16-20	21-25	26-30	31-40	41-47	48-55	GE 56		
N	1.2	3.1	3.9	1.4	.2						11.9	8.5
NNE	1.1	3.6	4.3	1.9							10.9	7.3
NE	1.3	2.9	3.0	.6							8.2	6.0
ENE	2.7	3.6	1.1	.1							7.4	4.4
E	2.3	3.0	1.1	.1							6.6	4.6
ESE	1.4	2.7	.3	.2							4.7	4.7
SE	.7	2.0	.7	.3							4.1	5.8
SSE	1.1	1.4	2.7	1.2							6.4	7.4
S	.9	3.4	5.1	7.8							12.6	8.0
SSW	1.2	3.1	2.9	.9							8.1	6.7
SW	.7	2.1	1.9	.6							5.2	6.9
WSW	1.1	.4	.7								2.2	4.9
W	.7	.7	.2								1.6	3.9
WNW	.1	.4	.7								.9	6.0
WW	.1	.7	.7	.2	.1						1.8	7.9
NNW	1.0	.7	.7	.7	.1						3.1	7.0
VARIABLE												
CAL"	////////////////////										4.3	////
TOTALS	16.7	34.9	24.6	17.7	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 73400 STATION NAME: RLYTHVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS: 1200-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	4.4	2.3	1.0	.1						17.8	5.8
NNE	4.0	5.8	2.2								12.0	4.5
NE	4.0	1.2	.4	.1							5.7	3.5
ENE	3.1	.9	.1	.2							4.2	3.2
E	4.4	1.7									6.1	2.6
ESE	2.9	1.5	.1								4.5	2.8
SE	3.7	2.4	.6	.2							6.9	4.0
SSE	3.7	4.7	1.0	.7							10.1	4.8
S	2.7	6.3	3.0	.7	.1						12.8	5.4
SSW	1.7	1.4	.1								3.2	4.0
SW	1.9	.4	.2								2.5	3.1
WSW	.7	.4									1.1	2.9
W	.1		.1								.2	5.0
WNW		.2	.4	.1							.7	7.4
NW	.7	.9	.2								1.8	4.7
NNW	.1	1.1	.6	.4	.2						2.4	8.8
VARIABLE												
CALM	////////////////////										18.0	////
TOTALS	34.4	21.4	11.4	2.4	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 964

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7234GR STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.6	6.4	2.0	1.2	.2						13.8	5.8
NNE	3.2	3.1	1.0	.4							7.9	4.5
NE	1.6	1.7	.4	.2							3.9	4.4
ENE	2.2	1.0		.1							3.3	3.4
E	4.2	.8									5.0	2.5
ESE	2.2	.9	.1								3.2	3.0
SE	1.4	1.9	.4								3.6	4.2
SSE	3.7	4.2	2.7	.2							10.8	5.0
S	3.7	5.1	2.4	.8							12.0	5.3
SSW	1.6	2.7	.2								4.5	3.8
SW	.5	.4									1.0	3.1
WSW	.4										.4	2.0
W	.4	.7									.8	3.0
WNW	.4	.1									.6	2.6
NW	.1	.7	.2		.1	.1					.8	9.7
NNW	.5	1.3	1.1	.1							3.1	6.2
VARIABLE												
CALM	////////////////////										25.9	////
TOTALS	10.7	29.9	10.7	3.1	.7	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP MONTHS LIST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.1	4.7	3.7	2.1	.2	.0					13.8	6.7
NNE	2.5	3.0	2.4	.9	.1						4.9	6.0
NL	1.5	1.7	1.2	.4	.0						5.1	5.3
ENE	1.2	1.4	.5	.2							4.0	4.2
E	2.0	1.7	.4	.0							5.2	3.6
ESE	1.6	1.5	.3	.1							3.5	4.2
SE	1.3	1.5	.4	.2	.0						3.6	5.0
SSE	2.6	2.9	1.6	.5	.0						7.6	5.2
S	2.4	4.0	3.9	1.6	.0						12.8	6.5
SSW	1.5	2.5	2.2	.8	.0						7.5	6.4
SW	.2	1.1	.9	.3							3.2	5.9
WSW	.7	.5	.2	.0							1.5	4.1
W	.0	.4	.1								1.1	3.4
WNW	.4	.4	.2	.1							1.1	4.8
WW	.3	.5	.3	.0	.0	.0					1.3	5.7
NNW	.7	1.2	.9	.3	.1						3.2	6.3
UNDELT												
CALC	////////////////////										17.0	////
TOTALS	27.7	30.7	19.7	7.6	.5	.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 7700

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	5.7	2.7	1.0							10.4	6.0
NNE	.9	1.9	1.0	.6							4.3	6.2
NE	1.5	.6	.5	.3							3.0	5.0
ENE	1.6	.5									2.2	2.7
E	2.2	.5	.1								2.8	2.7
ESE	1.7	.7	.1								1.6	2.8
SE	1.3	1.9	.5	.4							3.8	5.3
SSE	2.5	4.4	2.2	1.5							10.5	5.9
S	3.7	4.6	1.6	.4							10.2	4.7
SSW	2.6	3.9	2.0	.6							9.1	5.5
SW	.7	.9									1.2	4.2
WSW	.4	.1									.5	2.6
W	1.9	.5	.2	.3							3.0	4.1
WNW	.9	1.4	.5	.1							2.9	4.9
NW	1.5	1.7	.5	.1							3.7	4.5
NNW	1.2	1.7	1.2								3.5	5.2
VARIABLE												
CALM	////////////////////										27.2	////
TOTALS	20.1	29.0	12.2	7.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340P STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	1.7	6.5	2.5	.9	.1							12.5	5.9
NNE	1.5	1.4	1.5	.3								4.7	5.7
N E	1.6	.4	.1	.2								2.4	4.2
E NE	1.2	.3	.3									1.8	3.9
E	2.4	1.0	.4									3.8	3.3
ESE	1.3	.7	.2									1.8	3.1
SE	1.5	1.7	.8	.1	.1							4.0	5.1
SSE	2.0	3.5	2.2	.4	.1							9.4	5.6
S	3.2	5.5	2.0	1.0	.1							11.9	5.5
SSW	3.1	3.8	1.0	.3								8.2	4.6
SW	.9	1.3	.2									2.3	4.1
WSW	.8	.2	.1									1.1	3.4
W	1.4	.8	.4	.1								2.7	4.1
WNW	1.3	2.0	.7	.1								3.7	4.2
NW	1.0	1.4	.4									2.8	4.8
NNW	.5	1.2	.6	.3								2.7	6.2
VARIABLE													
CALM	////////////////////											25.5	////
TOTALS	25.4	31.5	13.4	3.6	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	4.2	4.6	1.7	.2							13.5	7.0
NNE	1.2	1.1	1.0	1.3								4.6	7.4
NE	.9	1.2	.2	.2								2.4	4.9
ENE	1.1	.9	.1	.2								2.3	4.3
E	2.0	1.2	.4	.1								3.8	4.0
ESE	1.5	1.1	.5	.2								3.3	4.5
SE	1.5	2.4	.9	.1								4.8	4.7
SSE	2.3	1.4	2.0	.5								9.2	5.5
S	2.9	3.9	2.9	2.6	.3							12.6	7.0
SSW	2.2	3.2	1.9	.5								7.8	5.5
SW	.4	1.4	.3	.2	.1							2.5	6.1
WSW	.5	.7	.2									1.1	3.7
W	1.5	1.9	.9	.1								4.5	4.8
WNW	.4	1.2	.4	.3								2.4	6.0
NW	1.2	1.2	1.0	.1								3.4	5.1
NNW	.3	1.6	1.1	.1								3.1	6.4
VARIABLE													
CPM	////////////////////											18.7	////
TOTALS	21.7	31.2	18.5	6.4	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-96  
MONTH: OCT HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	3.2	4.7	2.8	.3						12.6	8.9
NNE	.5	1.8	3.7	1.4							7.0	8.1
NEL	.2	.0	.5	.4							1.9	7.7
ENE	.9	1.6	.5	.4							3.4	5.9
E	.3	1.9	.9	.1							3.7	4.9
ESE	.8	1.0	.6	.2							2.6	5.7
SE	.6	1.1	.6	.2	.1						2.7	6.1
SSE	1.2	2.5	3.5	2.3	.2						9.7	8.2
S	1.9	5.0	5.7	4.2	.1	.1					17.7	8.0
SSW	1.2	2.7	4.3	2.6		.1					10.9	8.2
SW	.6	2.6	1.9	.8	.3						6.2	7.9
WSW	.3	1.5	1.0	.2							3.0	6.1
W	.4	.4	1.3	.5							2.9	7.4
WNW	.2	.9	1.3	.6							3.0	8.2
W	.2	.0	1.6	.6							3.5	8.0
WNW	.5	.7	2.2	1.3							4.8	8.3
VARIABLE												
CALM	////////////////////										4.7	////
TOTALS	11.0	29.5	34.2	19.6	1.1	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(IST): 1200-1400

DIRECTION (ULGREGS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	3.3	3.7	2.8	.3							11.2	8.4
NNE	.3	1.6	2.6	1.5	.1							6.1	8.8
NE	.5	1.6	.6	.4								3.2	6.3
ENE	.6	1.0	.9	.2								2.7	5.9
E	.9	.5	.5									1.9	4.6
ESE	1.0	1.4	.3	.1								2.8	4.5
SE	.8	1.4	.4	.4		.1						3.1	6.5
SSE	1.1	1.5	2.8	1.0								6.6	7.1
S	1.9	4.4	4.4	4.4	1.2	.1						16.5	8.9
SSW	.4	2.9	4.1	3.9	.4	.3						12.0	9.6
SW	.5	1.5	2.8	1.2	.1							7.1	8.2
WSW	.6	1.4	1.2	.1	.1							3.4	6.4
W	.4	2.0	1.2	1.2								4.8	7.7
WNW	.5	1.1	1.3	.8								3.7	7.5
W	.6	1.6	2.2	.9								5.3	7.2
NNW	.5	1.2	2.4	1.6	.1							5.9	8.2
VARIABLE													
CAL	////////////////////											3.4	////
TOTALS	12.0	28.9	32.3	21.4	2.4	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723464 STATION NAME: SLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	4.0	3.8	2.7	.2							12.0	8.6
NNE	.9	2.4	2.6	1.7	.1							8.0	7.9
NE	.8	1.9	1.7									4.0	5.4
ENE	1.3	1.1	.1									2.5	3.5
E	.9	1.4	.2									2.5	4.4
ESE	1.7	1.5	.5	.1								3.9	4.5
SE	1.9	1.7	1.1	.2	.2							5.1	5.6
SSE	1.7	2.9	1.7	1.6								8.0	6.8
S	1.4	5.8	4.5	3.8	.2							16.1	7.7
SSW	1.3	1.7	2.3	1.9	.2	.1						7.5	8.4
SW	1.2	2.3	1.5	.4	.1							5.5	6.1
WSW	.4	1.5	.6	.1								3.2	5.5
W	.7	1.4	.8	.6	.1							3.8	6.7
WNW	.6	1.7	1.5	.4								3.5	7.2
NW	.5	1.1	1.9	.6								4.2	7.2
NNW	.3	1.8	1.0	.5								3.7	6.7
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	17.2	33.5	25.8	14.6	1.2	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
 MONTH: OCT HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	3.6	2.3	1.4							10.2	6.2
NNE	1.3	2.9	1.1	1.1							6.3	6.6
NE	2.7	1.7	.1	.1							4.2	3.6
ENE	1.5	1.7									2.8	3.3
E	3.2	1.1	.2								4.5	3.0
ESE	3.7	1.2	.1	.2							4.8	3.4
SE	2.2	2.2	1.3	.5							6.1	5.2
SSE	2.6	4.1	2.5	.8							9.9	5.6
S	4.2	4.0	2.3	.2							10.6	4.7
SSW	1.6	3.1	1.2	.3							6.2	5.1
SW	1.7	.7	.2								1.8	3.5
WSW	.9	.3	.2								1.3	3.9
W	2.2	1.2	.2	.1							3.7	3.7
WNW	.9	.6	.6	.1							2.3	5.4
NW	.6	1.1	.6	.2							2.6	5.8
NNW	.4	1.0	.3	.3							2.4	5.4
VARIABLE												
CAL	////////////////////										20.2	////
TOTALS	31.3	29.9	13.2	5.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-24	25-27	28-33	34-42	43-47	48-55	GE 56		
N	1.7	5.3	2.7	1.3								11.0	6.0
NNE	2.7	1.4	.4	.8								4.8	5.1
NE	.5	1.2	.6	.3								2.7	5.7
ENE	2.5	.4	.1									3.3	2.8
E	2.0	1.0										3.5	3.1
ESE	2.3	1.2		.1								3.5	3.5
SE	1.2	3.0	1.0	.2	.1							5.5	5.5
SSE	2.6	3.2	3.1	1.2								10.1	6.2
S	3.3	5.8	2.2	.4								11.7	5.1
SSW	1.4	3.3	1.0	.4								6.6	5.2
SW	.2	.6	.2									1.1	4.8
WSW	.2	.3										1.1	3.0
W	1.2	1.0	.2									2.4	3.6
WNW	.9	.9	.3	.1	.2							2.4	5.9
WW	.3	1.4	.5									2.7	5.1
NNW	.5	2.2	1.2	.3								4.3	6.0
VARIABLE													
CALM	////////////////////											23.3	////
TOTALS	24.7	32.7	13.5	5.2	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72440- STATION NAME: RLYTHLVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS/DIST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	4.6	3.4	1.0	.1							11.7	7.1
NNE	1.1	1.4	1.7	1.1	.0							5.7	7.1
NE	1.0	1.2	.5	.7								3.0	5.2
ENE	1.1	.9	.3	.1								2.6	4.1
E	1.0	1.1	.3	.0								3.3	3.7
ESE	1.6	1.0	.3	.1								3.1	4.1
SE	1.4	1.6	.8	.7	.1	.0						4.4	5.4
SSE	2.1	3.4	2.5	1.2	.0							9.1	6.3
S	2.9	3.0	3.2	2.1	.2	.0						13.4	6.8
SSW	1.0	3.1	2.2	1.3	.1	.1						8.5	6.8
SW	.7	1.4	1.0	.7	.1							3.5	6.6
WSW	.6	.7	.4	.1	.0							1.8	5.1
W	1.2	1.0	.6	.4	.0							3.5	5.4
WNW	.7	1.1	.6	.3	.0							3.0	6.2
W	.2	1.7	1.1	.7								3.5	6.1
WNW	.0	1.4	1.2	.6	.0							3.8	6.8
VARIABLE													
CALM	////////////////////											16.2	////
TOTALS	21.1	30.7	20.5	10.4	.6	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 7440



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743404 STATION NAME: ELYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-2	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	4.4	4.7	1.9	.6						15.9	8.2
NNW	.7	1.2	2.4	.7							5.2	7.1
NW	.7	1.7	1.6	.4							4.3	6.6
NNW	1.0	.2	.3								1.7	3.9
N	1.7	.6	.6								2.9	4.1
NNE	1.7	.4	.3	.2							3.0	4.3
NE	.7	1.4	1.7	.3	.1						3.8	6.1
NNE	1.8	1.7	1.6	1.1	.2						6.6	6.7
E	2.6	5.4	2.9	1.6	.1	.7					14.8	7.7
ESE	1.2	1.9	1.2	.2		.1					4.7	5.9
SE	.1	.9	.9	.7							2.2	7.2
ESE	.4	1.4	.1								2.0	5.0
S	1.7	1.4	.4	.9							4.1	6.2
SSE	.8	1.0	1.2	.1	.1						3.2	6.5
SE	.5	1.7	.7	.4							3.4	6.2
SSE	.4	2.1	.6	1.1							4.2	7.7
VARIABLE												
CALM	////////////////////										18.4	////
TOTALS	18.2	26.7	20.4	17.3	1.1	.3					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-96  
MONTH: NOV HOURS/ELT: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56		
N	3.1	5.7	5.2	2.9	.6						18.5	7.5
NNE	1.4	1.2	1.1	1.9							5.6	7.2
NE	.3	.5	1.6	.4	.1						3.3	8.1
NNE	.1	1.1	.6	.1							1.9	6.2
E	1.9	.7									2.6	2.5
ESE	1.1	.4	.2								1.7	3.4
SE	.9	.9	1.3	.6	.1						5.8	7.1
ESE	1.7	1.6	1.0	1.0							5.4	6.7
S	1.7	5.7	4.2	2.6	.4	.1					13.7	7.8
SSW	1.0	2.7	1.3	.7							6.2	5.8
SW	.4	.7	.7	.7	.1						2.6	8.5
WSW	.7	1.4	.9	.1							2.8	5.9
W	1.2	1.9	.9	.1	.1						4.0	5.8
WNW	1.4	1.1	.5	.3							3.4	5.0
W	.6	1.4	.7	.4							2.9	6.0
WNW	1.2	1.3	1.3	1.0							4.7	7.1
VARIABLE												
CALC	////////////////////										16.3	////
TOTALS	18.2	29.6	21.6	12.6	1.4	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340N STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS/DATE: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-16	17-24	25-32	33-40	41-48	49-56	57-64	65-72	73-80		
N	3.0	4.7	1.2	1.0	2.0						16.7	7.4
NNE	1.4	1.4	3.0	1.6							7.4	7.6
NE	2.9	1.4	1.4	2.3	2.1						11.1	7.7
ENE	2.9	1.2	2.1	2.2							10.7	8.5
E	1.4	2.6	2.2								7.4	7.4
ESE	2.9	2.6	2.2								10.7	7.6
SE	1.4	1.1	1.2	2.3							6.1	5.4
SSE	2.9	2.2	2.4	2.9							11.4	5.5
S	2.9	3.0	4.4	2.4	2.7	2.1					17.9	7.4
SSW	1.4	2.2	2.4	2.9	2.1						14.0	7.1
SW	2.1	1.2	2.6	2.1	2.1						14.1	6.6
WSW	2.7	2.4	2.7	2.4							14.2	7.6
W	2.7	1.1	1.6	2.7							10.7	6.3
WNW	2.9	1.4	2.9	2.3							13.5	6.1
NW	2.6	1.4	1.2	2.1							11.3	6.0
NNW	1.1	1.2	1.6	2.2							6.1	6.2
VARIABLE												
CALC	////////////////////										17.1	////
TOTAL	19.4	27.6	28.1	17.4	2.9	2.1					103.5	5.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATE DATA CENTER  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 71461 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS/DATE: 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	1.4	1.4	4.7	5.4	4.7						13.1	10.7
NNE	4.5	1.4	5.4	5.4	4.7						4.4	9.3
NE	4.5	1.4	1.4	1.4							4.4	8.1
ENE	4.7	1.4	1.4	4.5	4.7						4.7	6.9
E	4.7	4.4	4.7	4.5							24.0	6.0
ESE	1.4	4.7	4.7	4.4							14.7	5.4
SE	4.5	1.4	1.4	4.5	4.7						14.9	7.0
SSE	4.5	1.4	1.4	1.4	4.7						5.4	8.7
S	4.7	1.4	1.4	4.7	4.4	4.7					15.6	5.4
SSW	1.4	1.4	4.4	1.4	4.7						11.1	9.7
SW	4.7	1.4	1.4	1.4	1.4						4.9	8.1
WSW	4.5	4.5	1.4	4.7	4.7						24.9	7.2
W	4.7	1.4	1.4	1.4	4.7	4.7					4.4	7.9
WNW	4.7	4.5	1.4	1.4	1.4	4.7					5.4	9.8
WNW		1.4	1.4	4.7	4.7						14.1	7.1
WW	4.7	4.5	1.4	1.4							14.7	8.5
VARIABLE												
CALC	////////////////////										4.7	////
TOTALS	24	14.9	34.1	4.4	14.1	4.7					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATELOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 772404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	9.9
NNE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	8.3
NE	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.7
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.7
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.7
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.3
SE	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	6.8
SSE	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.9
S	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	10.7
SSW	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	9.5
SW	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	8.5
WSW	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.0
W	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.1
WNW	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.9
W	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.3
WNW	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.6
VECT											3.0	////
CALM											3.0	////
TOTAL	11.0	21.0	31.0	21.0	2.0	0.0	0.0	0.0	0.0	0.0	100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
ASAF/TAO  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	2.1	5.9	4.3	.1						14.7	8.6
NNE	.7	2.7	3.2	2.0							8.4	8.1
NE	.7	1.6	.7	.3							3.2	6.0
ENE	.7	1.7	.4	.2							3.0	5.2
E	1.8	1.7	.8	.4							4.0	5.3
ESE	.4	.4	.1	.1							1.4	4.9
SE	.4	1.1	1.0	.9							3.8	7.6
SSE	1.7	1.7	1.3	.9							5.6	6.3
S	1.8	3.0	5.2	3.9	.7						14.6	8.9
SSW	1.8	2.6	3.3	1.6	.2	.1					9.6	7.6
SW	.4	1.6	.8	.6							3.7	6.5
WSW	.2	1.0	1.4	.2	.2						3.8	7.1
W	1.0	1.4	.8	1.3	.2	.1					4.9	8.3
WNW	.2	.7	1.2	1.0	.1						4.1	7.9
NW	.7	.7	1.4	1.0							3.4	8.6
NNW	1.0	1.7	1.2	.8							4.6	6.7
VARIABLE												
CFL	////////////////////										7.3	////
TOTAL	17.1	25.7	23.9	17.6	1.6	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS/LEST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	2.6	5.4	4.4	3.2	.8						16.4	7.9
NNE	1.4	3.9	2.7	1.0							9.0	6.6
NE	.9	1.1	1.2	.2							3.3	5.9
ENE	1.3	.7	.1								2.1	3.2
E	2.4	1.2	.6	.3							4.6	4.3
ESE	.9	.6	.6	.1							2.0	5.2
SE	.9	2.1	1.8	.7							5.4	6.9
SSE	1.7	2.2	2.1	1.1							7.1	6.5
S	7.2	5.4	4.1	1.0	.1	.1					14.0	6.1
SSW	1.2	1.9	1.1	.4							4.7	5.7
SW	.3	.7	.3	.3							2.1	5.7
WSW	.1	.4	.2	.3	.1						1.2	8.4
W	1.0	.8	.6	.7	.4						3.4	8.3
WNW	.4	1.3	.8	.7							3.6	6.4
WW	.7	.6	.8	.1	.3						2.4	7.7
NNW	1.0	.9	.7	.7							3.2	6.6
VARIABLE												
CALC	////////////////////										15.7	////
TOTALS	20.7	29.7	27.0	10.9	1.8	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340° STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-P6  
MONTH: NOV HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	5.0	3.4	7.3	.6	.2						14.2	8.2
NNE	1.1	3.9	3.2	.9		.1						9.2	7.0
NE	1.1	1.7	.8	.4								4.0	6.1
ENE	.2	.4	.4									1.8	4.5
E	2.7	.7	.6	.1								3.3	4.0
ESE	1.2	.8	.6	.2								2.8	4.7
SE	1.2	.9	.9	.6								3.8	6.9
SSE	1.3	2.4	2.2	1.7	.1	.1						7.9	7.7
S	3.8	6.7	7.4	2.2	.4							15.9	6.6
SSW	1.0	1.7	1.4	.6								4.2	6.6
SW	.6	.1	.3	.1								1.1	5.6
WSW	.5	.7	.6	.2		.1						1.8	7.4
W	.7	.8	1.3	.3	.2							3.6	7.1
WNW	.4	.6	.8	.8	.1							3.0	7.6
WW	.3	1.7	1.0	.3								3.0	6.6
WNW	.9	1.7	1.1	.3	.1							3.4	6.8
VARIABLE													
CFL"	////////////////////////////////////											17.0	////
TOTALS	19.3	27.4	22.1	17.3	1.6	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	3.2	4.6	4.1	.4	.0					15.1	8.4
NNE	1.1	2.3	2.6	1.7	.1	.0					7.7	7.7
NE	.7	1.5	1.4	.5	.0						4.1	6.8
ENE	.3	1.0	.4	.2	.0						2.4	5.4
E	1.5	.2	.5	.2							3.2	4.6
ESE	1.0	.7	.4	.1							2.2	4.6
SE	.9	1.3	1.2	.6	.1						4.1	6.7
SSE	1.4	1.6	1.8	1.1	.1	.2					6.2	6.9
S	2.1	4.0	4.4	3.2	.4	.2					14.5	8.1
SSW	1.3	2.0	2.4	1.5	.2	.0					7.4	7.8
SW	.5	1.0	1.2	.5	.1						3.4	7.4
WSW	.4	.9	.8	.3	.0	.0					2.5	6.9
W	.3	1.4	1.2	.7	.2	.3					4.4	7.6
WNW	.8	1.0	1.2	.9	.1						4.1	7.3
NW	.4	1.3	1.0	.5	.0						3.3	7.1
NNW	.3	1.0	1.2	.8	.0						4.0	7.1
VARIABLE												
CALM	////////////////////										11.9	////
TOTALS	16.7	26.4	26.2	16.8	1.8	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.4	3.2	4.2	4.0	1.7							14.7	8.7
NNE	1.4	1.0	2.3	1.2	.1							6.8	7.3
NE	1.1	.0	.9									2.7	5.2
ENE	.3	.4	.1									1.3	3.4
E	1.7	1.3	.2									2.8	3.6
ESE	.9	.9		.1								1.0	4.2
SE	.6	1.7	.5	.3		.2						3.4	7.3
SSE	1.7	2.5	2.3	1.2	.1	.2						8.0	7.2
S	2.7	3.5	4.0	2.2	.9							12.8	7.3
SSW	1.1	3.0	4.0	1.4								9.5	7.3
SW	1.1	1.2	1.4	.3	.1							4.1	6.3
WSW	1.1	1.0	.4	.2								3.2	5.1
W	.0	1.4	.9	.9	.1							4.0	7.4
WNW	.4	1.0	.9	1.0								3.2	7.9
WW	.4	1.5	1.5	1.7	.1							5.3	6.7
NNW	.0	1.0	.9	1.7								4.7	8.2
VARIABLE													
CALM	////////////////////////////////////										11.7	////	
TOTALS	18.1	27.0	24.3	16.1	1.9	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
 MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.1	2.0	4.3	4.3	.5						15.2	8.4
NNE	1.1	1.6	1.3	1.0	.1						4.9	7.2
NW	1.4	1.4	1.2	.2							4.2	5.5
ENE	.9	.4	.2								1.5	4.2
E	1.5	.5	.1								2.2	3.3
ESE	.9	.2	.1		.1						1.3	4.4
SE	.5	1.7	.9	.2							2.9	5.8
SSE	.8	2.5	1.8	1.0	.3						6.3	7.6
S	1.8	3.9	5.4	1.9	.2						13.2	7.2
SSW	1.6	3.0	3.9	1.3	.1						9.9	7.1
SW	.3	1.4	.6	.5							3.3	6.1
WSW	.9	1.7	.4	.4							3.0	5.6
W	1.0	1.7	2.2	1.0	.1						5.2	7.8
WNW	.9	1.7	1.8	.5	.2						4.6	7.5
WW	.6	1.0	1.5	1.1	.1						4.5	7.7
NNW	.5	1.7	2.3	1.1	.1						5.4	7.9
VARIABLE												
CALM	////////////////////										12.4	////
TOTALS	19.1	25.2	28.0	14.5	1.9						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(IST): 0600-0800

DIRECTION (UFGZ)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-32	34-40	41-47	48-55	GE 56	
N	1.7	2.9	4.1	3.8	.8						13.2	6.9
NNE	1.3	1.2	1.4	.9	.4						5.2	7.7
NE	1.6	1.7	.9	.1							4.2	4.9
ENE	.6	.8	.5								1.7	5.3
E	1.3	1.2	.1								2.6	3.5
ESE	.6	1.2									1.8	3.9
SE	1.0	1.6	.9	.4	.1						4.0	6.3
SSE	2.4	2.5	1.7	1.3	.1						8.0	6.3
S	2.0	3.2	3.2	3.2	.1						11.8	7.7
SSW	1.1	3.5	2.4	2.2	.1						9.5	7.7
SW	.5	1.4	.4	.4							2.8	6.2
WSW	1.4	1.0	.3								2.7	4.0
W	.5	1.7	1.0	.6	.1						4.3	7.0
WNW	1.1	.7	1.6	.8	.3						4.6	7.7
NW	.5	1.9	1.9	1.9	.1	.1					6.5	8.6
NNW	.7	1.8	1.6	1.3	.1						5.7	7.6
VARIABLE												
CFL	////////////////////										11.5	////
TOTALS	19.5	28.6	21.9	16.5	2.3	.1					107.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(UT): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	2.1	3.2	7.7	.9						11.2	9.6
NNE	1.1	1.4	1.4	2.4	.9						6.6	9.0
NE	.9	1.7	2.2	.5							5.3	6.9
ENE	1.2	1.5	1.3	.2							4.2	5.6
E	1.2	1.6	.8	.2							3.8	5.1
ESE	.3	.4	.9								1.9	4.6
SE	.3	1.9	1.2	.1							3.4	6.2
SSE	.6	2.4	2.4	1.9	.3						7.7	8.4
S	.5	3.1	4.4	4.9	1.0	.2					14.2	10.1
SSW	.3	1.3	4.7	2.7	.2	.2					9.5	9.8
SW	.0	1.0	2.2	1.4		.1					4.8	9.3
WSW	.3	.0	.9	.3	.1						2.4	7.4
W	.3	1.5	1.7	.8	.2						4.5	8.0
WNW	.4	.7	1.6	2.0	.1						4.9	9.7
NW	.2	.9	2.9	1.6	.5						6.2	9.8
NNW	.2	1.4	2.0	2.0	.3						6.0	9.8
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	9.0	24.5	33.1	24.8	4.1	.5					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: ELYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	2.7	4.8	3.8	1.1	.1					13.5	9.5
NNE	1.2	2.0	2.7	1.4	.7						7.6	7.8
NE	.9	.4	1.3								2.6	6.0
ENE	.6	1.1	.5	.3							2.6	6.0
E	1.0	1.0	.6								2.8	4.6
ESE	.5	.4	.2								1.5	4.6
SE	.5	.8	.6	.1							2.0	5.6
SSE	.9	1.4	1.2	1.9	.2						5.5	8.6
S	.6	2.3	4.2	4.5	2.4	.2					14.2	11.1
SSW	1.2	2.7	4.4	5.4	1.1	.2					14.9	10.0
SW	.8	1.7	2.5	1.9	.3						6.8	9.0
WSW	.3	.4	1.0	.3	.2						2.6	7.9
W	.7	1.5	2.4	1.6	.1						5.8	9.2
WNW	.5	.4	1.6	1.5	.1						4.6	8.5
W4	.5	1.3	3.0	1.5							6.3	8.6
NNW	.3	1.4	.9	1.7	.2						4.5	9.2
VARIABLE												
CALM	////////////////////										2.0	////
TOTALS	11.5	21.4	31.9	26.0	6.0	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	3.0	3.5	3.7	1.6	.1					14.5	9.0
NNE	1.1	2.2	2.2	1.3							6.6	7.3
NE	.5	1.6	.6	.3							3.1	5.9
ENE	1.2	.9	.6								2.6	4.4
E	1.0	1.1	.5								2.6	4.8
ESE	.3	.4	.2	.1							1.0	4.2
SE	.9	1.6	.6	1.1							4.1	7.0
SSE	.5	1.4	2.4	1.6	.1						6.0	8.5
S	1.7	3.9	3.7	3.3	.1	.2					12.5	8.3
SSW	1.0	3.7	4.7	3.0	.1						12.5	8.2
SW	1.2	1.2	1.7	1.0	.3						5.4	7.9
WSW	.5	1.9	1.0	.3							3.8	6.3
W	1.2	1.9	2.0	1.5							6.7	7.4
WNW		1.1	2.3	.2	.3						3.9	6.7
NW	.3	.4	2.4	1.1							4.2	6.7
NNW	.4	1.1	1.2	.9	.1						3.7	7.9
VARIABLE												
CALM	////////////////////										6.2	////
TOTALS	13.5	24.7	30.0	13.9	2.7	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTHLVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	2.7	4.4	2.3	2.0	1.8	.3		13.8	8.5
NNE	1.4	2.9	1.7	1.3	.1			7.8	6.6
NE	1.2	1.5	.6	.2				3.5	5.0
NNE	1.5	.6	.2					2.4	3.2
E	2.2	.9	.2	.2	.1			3.5	4.3
ESE	1.4	.6	.3					2.4	3.6
SE	.9	1.0	1.1	1.2				4.1	7.8
SSE	1.3	1.6	2.8	2.0	.1			7.9	8.3
S	1.9	5.7	4.6	1.6	.1			13.4	6.7
SSW	1.0	2.3	3.1	1.0				7.3	7.3
SW	.8	1.2	.9	.2				3.0	6.0
WSW	1.8	1.2	.4	.1				3.5	4.2
W	.2	1.2	1.1	1.1	.1			4.3	7.6
WNW	.2	1.4	1.3	1.2	.3			4.7	8.6
NW	.6	.6	1.4	1.2	.1			4.0	8.7
NNW	.5	1.0	.8	1.2	.3			3.8	8.9
VARIABLE									
CALM	////////////////////							10.5	////
TOTALS	21.0	27.7	22.8	14.5	3.1	.7		100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 950



GLOBAL CLIMATOLOGY BRANCH  
USAF/FLTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703404 STATION NAME: PLYMOUTHVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS/ST: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-24	25-33	34-40	41-47		
N	2.5	3.2	2.3	3.1	1.5				13.7	9.0
NNE	1.2	3.1	1.2	1.6	.2				7.2	7.1
NE	.9	.6	.6	.1					2.3	5.1
NNE	1.2	.4	.2						2.4	2.8
E	.8	.7	.1						1.4	3.5
ESE	1.1	1.2	.5		.1				2.9	4.8
SE	.2	1.4	1.2	.1		.2			3.8	7.1
SSE	1.2	2.2	2.9	2.2	.1	.1			6.6	6.4
S	1.6	3.2	4.0	2.6	.3		.1		11.9	8.1
SSW	1.1	1.9	3.0	1.1	.1				7.2	7.4
SW	1.0	.9	.9	.2	.1				3.1	6.6
WSW	.5	1.0	.3	.2					2.0	5.4
W	1.3	2.4	1.0	.9					5.5	6.2
WNW	.2	1.3	.5	1.4	.2				3.8	9.3
W	.4	1.7	1.4	1.0					4.1	8.2
WNW	.4	1.1	1.4	1.7	.2				4.8	9.2
VARIABLE										
CALM	////////////////////								15.3	////
TOTALS	16.4	25.0	22.6	10.1	2.7	.3	.1		100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(LST): ALL

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: SLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87  
MONTH: ALL HOURS(UT): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	3.7	3.3	2.6	.5	.1	.1	.1			11.8	8.1
NNE	1.4	2.3	2.1	1.1	.1	.0	.0				7.7	7.0
NE	1.2	1.6	1.2	.5	.0	.0	.0				4.5	6.1
NNE	1.3	1.7	.7	.2	.0	.0	.1				3.6	5.2
E	1.7	1.6	.7	.1	.0	.0	.0				4.1	4.7
ESE	1.1	1.1	.5	.1	.0	.0	.0				2.8	4.9
SE	1.0	1.6	.9	.3	.1	.1	.0				3.8	6.0
SSE	1.0	2.7	1.8	.8	.1	.1	.0				6.9	6.4
S	2.7	4.4	3.8	2.3	.4	.1	.0				13.4	7.5
SSE	1.6	3.1	2.9	1.6	.3	.1	.0				9.5	7.5
SSW	.3	1.7	1.3	.6	.1	.1	.0				4.3	6.9
WSW	.4	1.1	.7	.3	.0	.0					3.0	6.0
W	.4	1.2	1.0	.7	.1	.0					3.9	7.0
WNW	.5	.9	.9	.6	.1	.0					3.1	7.5
W	.7	.5	1.0	.8	.1	.0	.0				3.0	7.6
WNW	.6	1.1	1.2	.7	.1	.0		.0			3.8	7.7
VARIABLE												
CALM	////////////////////										11.6	////
TOTAL	15.2	29.6	29.1	13.2	1.9	.4	.1	.1			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 8764

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87  
MONTH: ALL HOURS(IST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
AND/OR  
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N	1.1	4.7	7.3	7.6	1.7	.4	.0	.0			22.9	10.2
NNE	1.2	2.5	3.7	3.1	.4	.1	.0				11.0	8.8
NE	1.1	1.6	1.7	1.0	.1	.1					5.6	7.6
ENE	1.1	1.1	1.1	.6	.0						3.9	6.4
E	1.3	1.0	1.7	.3	.0						4.3	5.7
ESE	.7	1.1	.6	.2	.0	.0					2.7	5.8
SE	.6	1.7	.9	.7	.1	.0	.0				3.7	7.4
SSE	.7	1.1	1.6	.8	.2	.0					4.3	7.8
S	1.1	1.9	2.6	1.7	.2	.0					7.6	8.1
SSW	.7	1.8	2.3	.9	.2						5.9	7.9
SW	.6	.9	1.1	.5	.1	.0	.0				3.2	7.8
WSW	.7	.8	.5	.2	.1	.0					1.9	7.0
W	.7	.9	.7	.5	.1						2.7	7.4
WNW	.4	.7	.7	.5	.1	.0					2.4	8.2
WW	.7	1.0	1.0	.8	.1	.0					3.1	8.4
NNW	.6	1.7	1.4	1.4	.5	.0		.0			5.8	9.3
VARIABLE												
CALL	////////////////////										8.6	////
TOTALS	17.0	22.9	21.7	21.9	4.0	.2	.1	.0			100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 6754

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	UUUUUUUU
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	UUUUUUUU
PP PP	AA AA	RR RR	TT	UU UU
PP PP	AA AA	RR RR	TT	UU UU
PPPPPPPP	AA AA	RRRRRRRR	TT	UU UU
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	UU UU
PP	AAAAAAAA	PP RP	TT	UU UU
PP	AA AA	RP RR	TT	UU UU
PP	AA AA	RR RR	TT	UUUUUUUU
PP	AA AA	RR RR	TT	UUUUUUUU

## CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

### CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

#### NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEARS BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

### SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	2/10
BROKEN	-	4/10
OVERCAST	-	10/10
DISCREET	-	10/10

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703443 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.9	49.7	50.2	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.9
GE 2000	1.9	52.8	53.5	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.4
GE 1800	1.9	52.8	53.5	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.4
GE 1600	1.9	52.8	53.5	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.4
GE 1400	1.9	52.8	53.5	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.4
GE 1200	1.9	53.5	54.2	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.1
GE 1000	1.9	56.0	56.5	57.4	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.7
GE 900	1.9	57.0	57.7	58.4	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.7
GE 800	1.9	60.4	61.5	62.0	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.5
GE 700	1.9	61.8	61.8	62.5	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	64.0
GE 600	1.9	62.9	61.9	62.6	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.1
GE 500	1.9	63.2	64.3	64.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.6
GE 400	1.9	63.6	64.8	65.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.1
GE 300	2.2	66.5	67.5	68.3	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.9
GE 200	2.2	67.7	69.0	69.8	71.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.4
GE 100	2.2	69.1	70.4	71.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.9
GE 0	2.2	71.8	73.9	74.7	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.9
GE 2000	2.2	75.2	77.4	78.6	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	81.4
GE 1800	2.2	75.7	78.3	79.5	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.3
GE 1600	2.2	77.6	80.2	81.4	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.2
GE 1400	2.2	78.7	81.5	82.7	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.6
GE 1200	2.2	79.1	82.0	83.3	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.5
GE 1000	2.2	79.2	82.9	84.4	85.9	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.7
GE 900	2.2	79.8	83.4	85.5	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	89.0
GE 800	2.2	80.1	84.0	86.1	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	90.1
GE 700	2.2	80.3	84.2	86.7	88.5	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	91.2
GE 600	2.2	80.6	84.9	87.5	89.5	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	92.9
GE 500	2.2	80.8	85.1	87.8	89.8	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	94.5
GE 400	2.2	81.1	85.6	88.5	91.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	97.2
GE 300	2.2	81.1	85.6	88.5	91.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	98.1
GE 200	2.2	81.1	85.6	88.5	91.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	99.5
GE 100	2.2	81.1	85.6	88.5	91.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	1.7	48.4	49.9	50.2	51.3	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.7	51.7	52.4
GE 2000	1.7	52.6	54.6	54.9	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	57.2
GE 1800	1.7	52.6	54.6	54.9	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	57.2
GE 1600	1.7	52.6	54.6	54.9	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	57.2
GE 1400	1.7	52.6	54.6	54.9	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	57.2
GE 1200	1.7	53.3	55.4	55.7	56.8	56.8	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	58.0
GE 1000	1.7	55.6	57.8	58.2	59.2	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.8	59.8	60.4
GE 900	1.7	56.6	58.6	58.9	60.0	60.0	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.5	60.5	61.2
GE 800	1.7	59.2	61.4	61.7	62.8	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	64.0
GE 700	1.7	60.2	62.4	62.7	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.9
GE 600	1.7	60.8	62.9	63.2	64.3	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8	65.5
GE 500	1.7	62.6	64.7	65.2	66.2	66.2	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.4
GE 400	1.7	63.0	65.3	65.7	66.8	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	68.0
GE 300	1.7	65.3	67.5	68.0	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	70.2
GE 200	1.9	66.3	68.6	69.0	70.1	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	71.3
GE 100	1.9	68.2	70.5	71.1	72.0	72.0	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	73.4
GE 2500	1.9	70.5	73.0	74.3	75.3	75.3	76.0	76.0	76.1	76.2	76.3	76.3	76.3	76.5	76.5	77.1
GE 2000	1.9	73.2	76.0	77.0	78.5	78.5	79.5	79.5	79.6	79.7	79.9	79.9	79.9	80.0	80.0	80.6
GE 1800	1.9	73.8	76.6	77.6	79.1	79.0	80.1	80.1	80.2	80.3	80.5	80.5	80.5	80.6	80.6	81.3
GE 1600	1.9	76.1	79.9	80.1	81.7	81.7	82.7	82.7	82.8	82.9	83.1	83.1	83.1	83.2	83.2	83.9
GE 1400	1.9	78.0	81.0	82.3	83.9	83.9	85.1	85.1	85.2	85.3	85.5	85.5	85.5	85.6	85.6	86.2
GE 1200	1.9	79.4	81.4	82.9	84.5	84.5	85.8	85.8	85.9	86.0	86.2	86.2	86.2	86.3	86.3	87.0
GE 1000	1.9	79.9	82.4	84.1	85.7	85.7	86.9	86.9	87.0	87.1	87.2	87.4	87.4	87.5	87.5	88.2
GE 900	1.9	79.1	82.5	84.5	86.1	86.1	87.7	87.7	87.8	88.0	88.2	88.2	88.2	88.3	88.3	88.9
GE 800	1.9	79.7	83.5	85.7	87.6	87.6	89.2	89.2	89.3	89.4	89.7	89.9	89.9	90.0	90.0	90.6
GE 700	1.9	80.1	84.0	86.2	88.5	88.5	90.3	90.3	90.4	90.5	90.7	90.9	90.9	91.0	91.0	91.6
GE 600	1.9	80.5	84.4	86.9	89.2	89.2	91.7	91.7	91.8	91.9	92.1	92.3	92.3	92.4	92.4	93.0
GE 500	1.9	80.5	84.5	87.4	89.8	89.8	92.4	92.4	92.5	92.6	92.8	93.0	93.0	93.1	93.1	93.7
GE 400	1.9	80.6	84.6	87.6	90.0	90.0	92.7	92.7	92.8	92.9	93.1	93.3	93.3	93.4	93.4	94.0
GE 300	1.9	80.6	84.6	87.6	90.0	90.0	92.7	92.7	92.8	92.9	93.1	93.3	93.3	93.4	93.4	94.0
GE 200	1.9	80.6	84.6	87.6	90.0	90.0	92.7	92.7	92.8	92.9	93.1	93.3	93.3	93.4	93.4	94.0
GE 100	1.9	80.6	84.6	87.6	90.0	90.0	92.7	92.7	92.8	92.9	93.1	93.3	93.3	93.4	93.4	94.0

TOTAL NUMBER OF OBSERVATIONS: 920



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1.6	42.3	44.3	46.3	47.7	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5
GE 20000	1.6	45.2	47.3	49.4	50.8	51.2	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.9
GE 18000	1.6	45.6	47.7	49.8	51.2	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.4
GE 16000	1.6	45.6	47.7	49.8	51.2	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.4
GE 14000	1.6	45.8	48.1	50.1	51.5	51.9	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.7
GE 12000	1.6	46.5	48.7	50.6	52.2	52.6	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3
GE 10000	1.6	49.9	52.3	54.6	56.1	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.3
GE 9000	1.6	50.2	52.6	54.9	56.5	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6
GE 8000	1.6	51.6	54.3	56.8	58.3	58.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.5
GE 7000	1.6	52.5	54.9	57.4	59.9	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1
GE 6000	1.6	53.7	56.2	58.6	60.1	61.5	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3
GE 5000	1.6	56.5	59.4	61.9	63.4	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.6
GE 4500	1.6	57.2	60.4	63.1	64.6	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.8
GE 4000	1.6	58.7	62.2	65.2	66.8	67.4	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2
GE 3500	1.6	59.7	63.2	66.2	67.3	68.5	68.8	69.1	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2
GE 3000	1.6	61.3	65.1	68.4	70.1	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7
GE 2500	1.6	63.6	68.1	71.9	73.7	74.3	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7
GE 2000	1.6	67.1	71.8	76.0	78.2	78.9	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6
GE 1800	1.6	67.5	72.3	76.5	78.6	79.4	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2
GE 1600	1.6	69.0	73.9	78.2	80.6	81.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.2
GE 1400	1.6	70.6	75.6	80.4	82.9	83.8	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.6
GE 1200	1.6	71.1	76.1	81.1	83.7	84.5	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.0
GE 1000	1.6	72.0	77.1	82.0	84.9	85.6	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.7
GE 900	1.6	72.0	77.3	82.3	85.3	86.1	87.5	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.2	89.4
GE 800	1.6	73.2	77.6	82.7	86.0	86.9	88.3	89.6	89.6	89.6	89.6	89.6	89.6	90.1	90.1	90.2
GE 700	1.6	72.3	77.7	82.9	86.7	87.5	89.0	90.4	90.4	90.4	90.4	90.4	90.4	91.1	91.1	91.2
GE 600	1.6	72.3	77.7	82.9	86.7	87.5	89.0	90.4	91.1	91.1	91.1	91.1	91.1	92.4	92.4	92.5
GE 500	1.6	72.3	77.8	83.1	87.3	88.5	90.6	92.2	92.5	93.1	93.1	93.1	93.1	94.0	94.1	94.2
GE 400	1.6	72.3	77.8	83.2	87.4	88.6	90.8	92.4	92.8	93.5	94.1	94.1	94.1	95.2	95.5	95.9
GE 300	1.6	72.3	77.8	83.2	87.4	88.6	90.8	92.4	92.8	93.5	94.1	94.1	94.1	95.2	95.5	95.9
GE 200	1.6	72.3	77.8	83.2	87.4	88.6	90.8	92.4	92.8	93.5	94.1	94.1	94.1	95.2	95.5	95.9
GE 100	1.6	72.3	77.8	83.2	87.4	88.6	90.8	92.4	92.8	93.5	94.1	94.1	94.1	95.2	95.5	95.9
LE	1.6	72.3	77.8	83.2	87.4	88.6	90.8	92.4	92.8	93.5	94.1	94.1	94.1	95.2	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	1	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0				
NO CEIL	1.6	39.7	41.9	43.4	44.3	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7				
GE 00001	1.9	44.6	47.2	48.6	49.7	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 10001	1.9	45.3	47.6	49.2	50.1	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16001	1.9	45.4	47.7	49.4	50.2	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14001	1.9	46.1	48.6	50.2	51.1	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12001	1.9	47.1	49.6	51.2	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 10001	1.9	50.3	52.9	54.5	55.4	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 90001	1.9	51.1	53.7	55.3	56.1	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 80001	1.9	54.1	57.1	58.9	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 70001	1.9	55.5	58.5	60.3	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 60001	1.9	56.0	59.0	60.9	61.6	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 50001	1.9	59.6	63.1	65.1	66.0	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 45001	1.9	60.1	63.3	66.0	67.0	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 40001	1.9	61.3	65.3	67.6	68.7	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 35001	1.9	62.3	66.5	68.7	69.9	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 30001	1.9	63.0	67.2	69.6	70.9	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 25001	1.9	65.2	69.6	71.9	73.4	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 20001	1.9	67.3	72.3	75.1	77.0	77.6	77.8	79.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 18001	1.9	67.5	72.5	75.6	77.6	78.4	78.7	79.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 15001	1.9	68.6	74.2	77.1	79.7	80.6	81.2	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 12001	1.9	70.3	76.2	79.2	82.0	83.3	84.0	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 10001	1.9	71.0	77.0	80.1	83.0	84.5	85.4	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 90001	1.9	71.4	77.5	80.6	83.9	85.5	86.3	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 80001	1.9	71.6	78.0	81.2	84.3	85.9	86.9	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 70001	1.9	71.7	78.2	81.6	84.7	86.3	87.5	88.9	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 60001	1.9	71.8	78.3	81.8	85.1	86.7	88.5	89.6	90.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 50001	1.9	71.8	78.7	82.4	85.7	87.4	89.7	92.5	92.8	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 40001	1.9	71.8	79.7	82.6	85.9	87.6	90.0	93.1	93.8	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 30001	1.9	71.8	78.7	82.6	85.9	87.7	90.1	93.2	94.0	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 20001	1.9	71.8	78.7	82.6	85.9	87.7	90.1	93.2	94.0	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 10001	1.9	71.8	78.7	82.6	85.9	87.7	90.1	93.2	94.0	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 00001	1.9	71.8	78.7	82.6	85.9	87.7	90.1	93.2	94.0	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTILVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	2.4	41.7	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 2000	2.4	51.6	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 1800	2.4	52.3	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 1600	2.4	52.3	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 1400	2.4	52.7	53.5	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 1200	2.4	52.2	54.1	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 1000	2.4	56.0	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 900	2.4	56.6	57.4	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 800	2.4	58.9	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 700	2.4	59.7	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 600	2.4	61.0	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 500	2.4	63.1	64.7	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 400	2.4	63.3	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 300	2.4	65.9	67.8	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 250	2.4	67.6	69.7	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
GE 200	2.4	68.9	71.3	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2
GE 150	2.4	71.6	74.1	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
GE 100	2.5	73.1	75.9	76.8	77.3	77.5	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 50	2.5	73.9	77.1	78.0	78.6	78.8	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 0	2.5	75.4	78.8	80.3	81.4	81.7	82.3	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	2.5	76.0	79.6	81.4	82.7	83.2	83.9	84.3	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	2.5	76.1	79.7	81.5	82.9	83.4	84.3	85.2	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	2.5	77.1	80.8	82.6	84.5	85.1	86.2	87.2	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	2.5	77.2	80.9	82.7	84.6	85.4	86.6	87.5	87.7	87.8	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	2.5	77.3	81.0	82.9	85.4	86.4	87.3	88.4	88.7	88.8	89.6	89.6	89.7	89.7	89.7	89.7
GE 600	2.5	77.3	81.1	83.2	86.2	87.8	88.5	89.7	90.3	90.6	91.6	91.6	91.8	91.8	92.0	92.2
GE 500	2.5	77.4	81.2	83.4	86.7	87.4	89.6	91.2	91.8	92.6	93.9	93.9	94.0	94.3	94.5	94.6
GE 400	2.5	77.4	81.3	83.9	87.1	88.1	90.3	92.5	93.3	94.2	95.6	95.6	96.3	96.5	96.8	97.2
GE 300	2.5	77.4	81.4	84.0	87.2	88.2	90.5	92.8	93.7	94.7	96.3	96.3	97.2	97.4	98.1	98.9
GE 200	2.5	77.4	81.4	84.0	87.2	88.2	90.5	92.8	93.7	94.7	96.5	96.5	97.4	97.7	98.7	99.7
GE 100	2.5	77.4	81.4	84.0	87.2	88.2	90.5	92.8	93.7	94.7	96.5	96.5	97.4	97.7	98.8	100.0
GE 0	2.5	77.4	81.4	84.0	87.2	88.2	90.5	92.8	93.7	94.7	96.5	96.5	97.4	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703404 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/4	1 1/2	2	2 1/4	2 1/2	3	4	5	6	7	8	9	10	11	12
NO CEIL	2.7	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	2.7	52.2	52.6	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	2.7	52.7	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	2.7	52.7	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	2.7	53.7	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	2.7	54.2	54.6	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	2.7	57.8	58.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	2.7	58.6	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000	2.7	60.6	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	2.7	61.2	61.8	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 6000	2.7	61.8	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000	2.7	64.1	65.2	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	2.7	64.3	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	2.7	66.2	67.3	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	2.7	67.2	68.3	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3000	2.7	69.7	69.9	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2500	2.7	72.6	73.4	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2000	2.8	74.3	76.1	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1800	2.8	74.8	76.9	78.7	79.2	79.4	79.7	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1600	2.8	75.3	77.8	80.2	80.8	81.2	81.6	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1400	2.8	75.7	78.9	81.6	82.4	82.9	83.4	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	2.8	75.8	79.0	81.9	82.9	83.5	84.1	85.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	2.8	75.9	79.1	82.2	83.7	84.5	85.1	86.9	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	2.8	76.0	79.2	82.6	84.2	85.9	86.5	88.2	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	2.8	76.1	79.4	82.7	85.6	86.7	87.4	89.2	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	2.8	76.2	79.5	83.0	85.9	87.2	88.1	90.1	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	2.8	76.2	79.5	83.0	86.6	88.3	89.6	91.6	92.3	92.9	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	2.8	76.2	79.5	83.1	86.9	88.9	90.4	92.9	93.5	94.0	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	2.8	76.2	79.5	83.2	87.0	89.0	90.5	93.2	93.9	95.3	96.6	96.8	96.8	96.8	96.8	96.8
GE 300	2.8	76.2	79.5	83.2	87.0	89.0	90.5	93.2	93.9	95.3	96.6	96.8	96.8	96.8	96.8	96.8
GE 200	2.8	76.2	79.5	83.2	87.0	89.0	90.5	93.2	93.9	95.3	96.6	96.8	96.8	96.8	96.8	96.8
GE 100	2.8	76.2	79.5	83.2	87.0	89.0	90.5	93.2	93.9	95.3	96.6	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN FOURSEILST: 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	2.6	49.9	50.3	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	2.6	54.0	54.4	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	2.6	54.3	54.7	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 16000	2.6	54.3	54.7	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 14000	2.6	54.5	54.9	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	2.6	55.2	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	2.6	59.8	60.2	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	2.6	60.4	60.9	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	2.6	63.4	64.2	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	2.6	63.9	64.6	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 6000	2.6	64.0	64.7	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	2.6	65.9	66.8	67.6	67.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	2.6	66.6	67.6	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	2.6	68.6	69.5	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3500	2.6	70.0	70.9	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	2.6	71.8	72.9	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 2500	2.6	74.9	76.3	77.8	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	2.6	77.3	79.0	81.2	81.9	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	2.6	77.8	79.6	81.7	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1600	2.6	78.6	80.5	83.0	84.0	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1400	2.6	78.8	81.1	83.5	84.7	85.1	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	2.6	79.1	81.5	84.1	85.4	85.7	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	2.6	79.4	81.7	84.3	85.7	86.2	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	2.6	79.7	82.2	84.7	86.6	87.2	88.0	88.6	88.9	89.1	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	2.6	79.7	82.3	84.8	87.0	88.2	89.4	90.3	90.3	90.3	90.5	90.9	90.9	90.9	90.9	90.9
GE 700	2.6	79.7	82.3	85.1	87.6	88.9	90.2	91.2	91.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	2.6	79.7	82.3	85.2	88.1	89.4	90.8	91.7	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	2.6	79.7	82.3	85.3	88.2	89.5	91.2	92.8	93.7	94.4	94.8	94.8	94.8	94.8	94.8	94.8
GE 400	2.6	79.8	82.4	85.5	88.4	89.7	91.7	93.2	94.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	2.6	79.8	82.4	85.5	88.5	89.8	91.8	93.5	94.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6
GE 200	2.6	79.8	82.4	85.5	88.5	89.8	91.8	93.5	94.5	96.3	97.0	97.0	97.0	97.0	97.0	97.0
GE 100	2.6	79.8	82.4	85.5	88.5	89.8	91.8	93.5	94.5	96.3	97.0	97.0	97.0	97.0	97.0	97.0
GE 0	2.6	79.8	82.4	85.5	88.5	89.8	91.8	93.5	94.5	96.3	97.0	97.0	97.0	97.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72340\* STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9
NO CEIL	3.2	49.1	57.2	51.3	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9
GE 2000	3.2	54.1	55.2	56.2	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0
GE 1800	3.2	54.2	55.3	56.3	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.1
GE 1600	3.2	54.2	55.3	56.3	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.1
GE 1400	3.2	54.3	55.4	56.5	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
GE 1200	3.2	54.4	55.5	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.3
GE 1000	3.2	59.1	60.2	61.3	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
GE 900	3.2	59.6	60.4	61.9	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.7
GE 800	3.2	62.5	63.5	64.6	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5
GE 700	3.2	62.7	63.8	64.8	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.7
GE 600	3.2	63.5	64.7	65.8	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.7
GE 500	3.2	65.1	66.2	67.3	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3
GE 450	3.2	65.8	67.1	68.2	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
GE 400	3.2	66.1	67.4	68.4	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.5
GE 350	3.2	69.0	70.4	71.5	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8
GE 300	3.2	70.5	72.2	73.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.6
GE 250	3.2	73.8	75.7	77.3	78.7	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.4
GE 200	3.2	76.5	78.9	80.6	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.9
GE 180	3.2	77.2	79.8	81.5	83.3	83.3	83.5	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.1
GE 150	3.2	78.3	80.9	82.6	84.4	84.4	84.6	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.2
GE 120	3.2	79.0	81.8	83.5	85.5	85.5	85.7	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.3
GE 100	3.2	79.2	82.0	83.8	86.0	86.1	86.5	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.1
GE 90	3.2	79.2	82.2	84.1	86.9	87.0	87.3	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.1
GE 80	3.2	79.7	82.9	84.8	87.7	87.8	88.3	88.3	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.2
GE 70	3.2	79.8	83.3	85.3	88.3	88.4	88.9	88.9	89.5	89.9	90.1	90.1	90.1	90.1	90.2	90.3	90.4
GE 60	3.2	80.1	84.0	85.9	89.2	89.4	89.9	89.9	90.4	91.2	91.4	91.4	91.4	91.4	91.7	91.9	92.0
GE 50	3.2	80.3	84.2	86.2	89.7	89.6	90.6	91.4	92.2	92.4	92.6	92.6	92.6	92.6	92.9	93.1	93.3
GE 40	3.2	80.3	84.3	86.3	89.9	90.3	91.5	92.5	93.5	94.3	94.2	94.2	94.2	94.6	94.8	95.3	95.4
GE 30	3.2	80.4	84.4	86.9	90.8	91.2	92.7	93.6	95.2	95.7	95.9	95.9	95.9	96.3	97.0	97.4	97.5
GE 20	3.2	80.4	84.4	86.9	90.8	91.2	92.7	93.8	95.2	96.0	96.3	96.3	96.3	96.8	97.4	98.0	98.1
GE 10	3.2	80.4	84.4	86.9	90.8	91.2	92.7	93.8	95.2	96.2	96.6	96.6	96.6	97.0	97.7	98.4	98.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 2 3/4	GE 3	GE 3 1/4	GE 3 1/2	GE 3 3/4	GE 4	GE 4 1/4	GE 4 1/2
NO CEIL	2.2	45.8	46.9	47.8	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.7
GE 2000	2.3	50.9	52.2	53.1	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.1
GE 1800	2.3	51.2	52.5	53.4	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.4
GE 1600	2.3	51.2	52.5	53.4	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.4
GE 1400	2.3	51.6	52.9	53.8	54.4	54.5	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.9
GE 1200	2.3	52.2	53.5	54.4	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.4
GE 1000	2.3	55.6	56.9	57.9	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.0
GE 900	2.3	56.3	57.6	58.6	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.7
GE 800	2.3	58.9	60.4	61.4	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6
GE 700	2.3	59.5	61.1	62.1	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.2
GE 600	2.3	60.2	61.8	62.8	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0
GE 500	2.3	62.5	64.3	65.4	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.6
GE 400	2.3	63.0	64.9	66.1	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
GE 300	2.3	65.1	67.1	68.3	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6
GE 200	2.3	66.2	68.3	69.5	70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.9
GE 100	2.3	67.7	69.9	71.3	72.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8
GE 200	2.3	70.5	73.1	74.7	75.8	76.0	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.7
GE 200	2.3	73.0	75.9	77.9	79.2	79.5	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.5
GE 100	2.3	73.5	76.7	78.6	80.0	80.3	80.8	81.0	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.4
GE 100	2.3	74.9	78.2	80.4	81.9	82.4	82.9	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.6
GE 100	2.3	75.9	79.5	81.0	83.5	84.1	84.7	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.5
GE 100	2.3	76.2	79.9	82.3	84.1	84.6	85.4	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.7
GE 100	2.3	76.7	80.5	83.1	85.1	85.6	86.5	87.1	87.4	87.6	87.7	87.8	87.8	87.8	87.8	88.0
GE 100	2.3	76.9	80.8	83.5	85.8	86.0	87.4	88.2	88.4	88.6	88.8	88.8	88.9	88.9	89.0	89.1
GE 100	2.3	77.1	81.2	84.0	86.5	87.4	88.3	89.2	89.5	89.7	89.9	90.0	90.1	90.1	90.2	90.4
GE 100	2.4	77.0	81.4	84.4	87.2	88.1	89.2	90.3	90.9	91.1	91.4	91.6	91.7	91.7	91.8	92.0
GE 500	2.4	77.4	81.6	84.7	87.8	88.6	90.2	91.6	92.1	92.6	93.1	93.4	93.5	93.6	93.6	93.9
GE 400	2.4	77.4	81.7	84.9	88.1	89.3	90.9	92.6	93.2	93.9	94.5	94.6	95.0	95.1	95.4	95.8
GE 300	2.4	77.5	81.8	85.2	88.4	89.7	91.5	93.1	94.0	94.6	95.6	96.4	96.6	97.0	97.6	97.6
GE 200	2.4	77.5	81.8	85.2	88.5	89.7	91.5	93.4	94.2	95.2	96.1	96.9	97.3	97.8	98.5	98.5
GE 100	2.4	77.5	81.9	85.2	88.5	89.7	91.5	93.4	94.2	95.3	96.1	96.2	97.0	97.4	98.1	99.5
GE 100	2.4	77.5	81.9	85.2	88.5	89.7	91.5	93.4	94.2	95.3	96.1	96.2	97.0	97.4	98.1	99.5

TOTAL NUMBER OF OBSERVATIONS: 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS:

PERIOD OF RECORD: 76-87  
MONTH: FEB HOURS(LST): 0000-0200

TOTAL NUMBER OF OBSERVATIONS: 940



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM VOLUNTARY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: RHYTMELVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL		44.0	45.2	46.4	47.6	47.4	47.8	47.8	47.8	44.2	48.3	48.5	48.6	48.6	48.6	48.6
GE 2000		47.4	48.6	50.4	50.6	50.8	51.2	51.2	51.2	51.7	51.8	51.9	52.0	52.0	52.0	52.0
GE 1800		47.5	48.7	50.5	50.6	50.9	51.3	51.3	51.7	51.8	51.9	52.0	52.1	52.1	52.1	52.1
GE 1600		47.5	48.7	50.5	50.6	50.9	51.3	51.3	51.7	51.8	51.9	52.0	52.1	52.1	52.1	52.1
GE 1400		47.6	48.8	50.6	51.7	51.1	51.4	51.4	51.4	51.9	52.0	52.1	52.2	52.2	52.2	52.2
GE 1200		48.2	49.4	51.2	51.7	51.7	52.0	52.0	52.0	52.5	52.6	52.7	52.8	52.8	52.8	52.8
GE 1000		52.0	53.3	55.1	55.2	55.6	55.9	55.9	55.9	56.4	56.5	56.6	56.7	56.7	56.7	56.7
GE 900		52.0	53.3	55.1	55.2	55.6	55.9	55.9	55.9	56.4	56.5	56.6	56.7	56.7	56.7	56.7
GE 800		54.3	55.9	57.7	57.8	58.3	58.6	58.6	58.6	59.1	59.2	59.3	59.5	59.5	59.5	59.5
GE 700		54.6	56.3	58.0	58.2	58.7	59.1	59.1	59.1	59.6	59.7	59.8	59.9	59.9	59.9	59.9
GE 600		56.1	57.8	59.6	59.7	60.3	60.6	60.6	60.6	61.1	61.2	61.3	61.5	61.5	61.5	61.5
GE 500		58.7	60.4	62.3	62.4	63.0	63.4	63.4	63.4	63.8	63.9	64.1	64.2	64.2	64.2	64.2
GE 400		60.2	61.8	63.7	63.8	64.4	64.8	64.8	64.8	65.2	65.4	65.5	65.6	65.6	65.6	65.6
GE 300		62.9	64.5	66.5	66.8	67.4	67.7	67.7	67.7	68.2	68.3	68.4	68.6	68.6	68.6	68.6
GE 200		64.9	66.7	68.7	68.9	69.5	69.9	69.9	69.9	70.3	70.4	70.6	70.7	70.7	70.7	70.7
GE 100		67.4	69.6	71.9	72.5	73.0	73.4	73.4	73.4	73.9	74.0	74.1	74.2	74.2	74.2	74.2
GE 2000	.4	69.9	72.2	74.5	75.4	76.0	76.4	76.4	76.4	76.8	77.0	77.1	77.2	77.2	77.2	77.2
GE 1800	.4	72.2	75.2	77.4	78.7	79.4	80.1	80.3	80.3	80.7	80.9	81.0	81.1	81.1	81.1	81.1
GE 1600	.4	72.6	75.8	78.0	79.3	80.0	80.7	80.9	80.9	81.4	81.6	81.7	81.8	81.8	81.8	81.8
GE 1400	.4	73.5	76.7	79.1	80.5	81.2	82.0	82.5	82.5	83.1	83.2	83.3	83.5	83.5	83.5	83.5
GE 1200	.4	75.2	78.4	80.9	82.7	83.5	84.4	85.2	85.2	85.6	85.9	86.1	86.2	86.2	86.2	86.2
GE 1000	.4	75.4	78.7	81.4	83.7	84.0	85.0	86.1	86.1	86.6	86.8	86.9	87.0	87.0	87.0	87.0
GE 900	.4	76.5	80.3	83.3	85.7	86.1	87.1	88.1	88.1	88.7	88.8	88.9	89.0	89.0	89.0	89.0
GE 800	.4	77.1	80.9	84.0	86.1	87.0	88.2	89.4	89.4	89.9	90.0	90.1	90.2	90.2	90.2	90.2
GE 700	.4	77.5	81.3	84.6	86.6	87.6	89.1	90.4	90.5	91.3	91.5	91.6	91.7	91.7	91.7	91.7
GE 600	.4	77.6	81.6	84.9	86.9	87.8	89.5	90.9	91.1	91.6	92.2	92.3	92.4	92.7	92.7	93.0
GE 500	.4	77.9	81.8	85.1	87.6	89.1	91.3	92.6	92.7	93.0	94.7	94.1	94.3	94.6	94.6	94.9
GE 400	.4	77.9	82.3	85.6	88.2	89.7	92.6	94.7	94.9	96.0	96.3	96.5	97.0	97.3	97.3	97.6
GE 300	.4	77.9	82.3	85.7	88.3	89.8	92.7	94.8	95.1	96.1	96.8	96.9	97.5	97.9	98.1	98.5
GE 200	.4	77.9	82.3	85.7	88.4	90.0	92.8	94.9	95.2	96.4	96.9	97.0	97.4	98.1	98.6	99.1
GE 100	.4	77.9	82.3	85.7	88.4	90.0	92.8	94.9	95.2	96.4	96.9	97.0	97.4	98.1	98.6	99.5
GE	.4	77.9	82.3	85.7	88.4	90.0	92.8	94.9	95.2	96.4	96.9	97.0	97.4	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 346

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB FOURSEXTY: 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	.1	77.8	40.1	42.1	42.7	42.5	44.1	44.4	44.4	44.6	44.7	44.7	44.9	44.9	44.9	45.2
GE 2000	1	.1	41.5	43.9	46.0	46.6	47.4	48.0	48.3	48.3	48.5	48.6	48.6	48.8	48.8	48.8	49.1
GE 1600	1	.1	41.5	43.9	46.0	46.6	47.4	48.0	48.3	48.3	48.5	48.6	48.6	48.8	48.8	48.8	49.1
GE 1400	1	.1	41.5	43.9	46.0	46.6	47.4	48.0	48.3	48.3	48.5	48.6	48.6	48.8	48.8	48.8	49.1
GE 1200	1	.1	42.0	44.3	46.5	47.2	48.0	48.6	48.9	48.9	49.1	49.2	49.2	49.4	49.4	49.4	49.6
GE 1000	1	.1	44.0	47.3	49.5	50.4	51.2	51.8	52.1	52.1	52.2	52.4	52.4	52.6	52.6	52.6	52.8
GE 900	1	.1	44.8	47.6	49.9	50.7	51.5	52.1	52.5	52.5	52.6	52.7	52.7	53.0	53.0	53.0	53.2
GE 800	1	.1	46.0	49.2	51.7	52.5	53.4	54.1	54.5	54.5	54.6	54.8	54.8	55.1	55.1	55.1	55.3
GE 700	1	.1	46.6	50.2	52.7	53.5	54.5	55.3	55.6	55.8	55.9	56.1	56.1	56.4	56.4	56.4	56.6
GE 600	1	.1	47.0	50.7	53.2	54.1	55.3	56.1	56.6	56.6	56.7	57.0	57.0	57.2	57.2	57.2	57.4
GE 500	1	.1	49.2	53.1	55.9	57.1	58.4	59.3	59.9	59.9	60.4	60.4	60.4	60.6	60.6	60.8	61.0
GE 400	1	.1	49.9	53.8	56.6	57.8	59.1	60.0	60.8	60.9	61.0	61.3	61.3	61.6	61.6	61.7	61.9
GE 300	1	.1	52.0	56.6	59.9	61.3	62.6	63.6	64.3	64.4	64.5	64.9	64.9	65.1	65.1	65.2	65.5
GE 200	1	.1	54.5	59.7	62.1	63.5	64.8	65.7	66.4	66.5	66.7	67.0	67.0	67.3	67.3	67.4	67.6
GE 100	1	.1	57.3	61.7	65.2	66.7	68.0	68.9	69.6	69.7	69.9	70.2	70.2	70.4	70.4	70.6	70.8
GE 2000	2	.2	60.0	64.4	68.3	70.1	71.5	72.5	73.2	73.3	73.4	73.8	73.8	74.0	74.0	74.1	74.3
GE 1800	2	.2	62.6	67.5	71.7	73.5	75.2	76.1	76.8	77.1	77.4	77.8	77.8	78.0	78.0	78.1	78.4
GE 1600	2	.2	63.6	68.6	72.8	74.8	76.4	77.4	78.1	78.4	78.7	79.2	79.2	79.4	79.4	79.6	79.8
GE 1400	2	.2	65.1	70.6	75.1	77.2	78.7	79.9	80.7	81.2	81.6	82.2	82.2	82.4	82.4	82.5	82.7
GE 1200	2	.2	66.0	71.5	76.2	78.5	80.0	81.2	82.0	82.6	83.1	83.7	83.7	83.9	83.9	84.0	84.3
GE 1000	2	.2	66.4	72.0	77.0	79.7	81.9	82.0	83.1	83.7	84.2	84.8	84.8	85.1	85.1	85.2	85.5
GE 900	2	.2	66.9	72.5	77.7	80.4	82.0	83.3	84.4	85.2	85.7	86.3	86.3	86.6	86.6	86.8	87.0
GE 800	2	.2	66.9	72.5	77.7	80.7	82.5	83.9	85.1	85.9	86.6	87.4	87.4	87.9	88.1	88.2	88.5
GE 700	2	.2	67.5	73.2	78.5	81.9	83.8	85.5	86.9	87.8	88.6	89.5	89.5	90.3	90.4	90.5	90.9
GE 600	2	.2	67.6	73.3	78.6	82.2	84.3	86.3	87.7	88.8	89.7	90.5	90.5	91.4	91.5	91.8	92.2
GE 500	2	.2	67.7	73.4	78.8	82.5	84.6	86.2	87.8	88.9	89.8	90.6	90.6	91.5	91.6	91.9	92.3
GE 400	2	.2	67.8	73.5	79.1	82.9	85.0	86.8	88.1	89.1	90.0	90.8	90.8	91.7	91.8	92.1	92.5
GE 300	2	.2	67.8	73.5	79.1	82.9	85.0	86.8	88.1	89.1	90.0	90.8	90.8	91.7	91.8	92.1	92.5
GE 200	2	.2	67.8	73.5	79.1	82.9	85.0	86.8	88.1	89.1	90.0	90.8	90.8	91.7	91.8	92.1	92.5
GE 100	2	.2	67.8	73.5	79.1	82.9	85.0	86.8	88.1	89.1	90.0	90.8	90.8	91.7	91.8	92.1	92.5
GE	1	.2	67.8	73.5	79.1	82.9	85.0	86.8	88.1	89.1	90.0	90.8	90.8	91.7	91.8	92.1	92.5

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(EST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	IN 10'	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0	
NO CEIL	.4	79.2	40.4	41.1	42.1	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	
GE 2000	.4	43.6	46.6	47.6	48.8	49.2	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.6	
GE 1800	.4	43.6	46.6	47.6	48.8	49.2	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.6	
GE 1600	.4	43.6	46.6	47.6	48.8	49.2	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.6	
GE 1400	.4	43.9	46.9	48.0	49.2	49.5	49.8	49.8	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.0	
GE 1200	.4	44.2	47.0	48.1	49.4	49.6	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2	50.2	50.2	
GE 1000	.4	46.2	49.4	50.6	51.9	52.2	52.5	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	
GE 900	.4	46.5	49.6	50.9	52.2	52.6	52.8	52.8	52.8	52.8	52.9	52.9	53.1	53.1	53.1	53.1	
GE 800	.4	48.2	51.5	52.0	54.3	54.6	54.8	55.0	55.0	55.0	55.2	55.2	55.3	55.3	55.3	55.3	
GE 700	.4	49.4	53.0	54.4	56.7	56.0	56.3	56.4	56.4	56.4	56.6	56.6	56.7	56.7	56.7	56.7	
GE 600	.4	49.5	53.2	54.6	56.9	56.5	56.7	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.2	
GE 500	.4	51.9	55.4	57.4	59.1	59.8	60.2	60.5	60.5	60.5	60.8	60.8	60.9	60.9	60.9	60.9	
GE 400	.4	52.4	56.3	57.9	59.8	60.4	60.8	61.1	61.1	61.1	61.3	61.3	61.5	61.5	61.5	61.5	
GE 300	.4	53.8	57.7	60.2	61.4	62.0	63.0	63.4	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	
GE 250	.4	54.8	59.2	61.5	63.1	64.2	64.5	64.9	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	
GE 200	.4	57.1	62.3	64.5	66.7	67.6	68.2	68.6	68.6	68.6	68.8	68.8	68.9	68.9	68.9	68.9	
GE 150	.4	59.5	65.5	68.1	70.1	71.3	71.9	72.2	72.2	72.2	72.5	72.5	72.6	72.6	72.6	72.6	
GE 100	.4	61.6	67.7	70.6	73.4	75.2	75.9	76.4	76.5	76.5	76.7	76.7	76.8	76.8	76.8	76.8	
GE 50	.4	62.3	69.6	71.6	74.7	76.0	76.7	77.2	77.3	77.3	77.5	77.5	77.7	77.7	77.7	77.7	
GE 0	.4	64.1	71.4	75.1	78.4	79.8	81.0	81.4	81.6	81.6	81.8	81.8	81.9	81.9	81.9	81.9	
GE 0	.4	65.4	72.3	77.0	80.4	82.4	83.6	84.8	85.1	85.3	85.6	85.6	85.8	85.8	85.8	85.8	
GE 0	.4	66.2	74.3	78.1	81.9	84.0	85.5	86.5	86.9	87.1	87.4	87.4	87.6	87.6	87.6	87.6	
GE 0	.4	66.4	74.7	78.6	82.4	84.0	86.4	87.6	87.9	88.3	88.5	88.5	88.8	88.8	88.8	88.8	
GE 0	.4	66.7	75.1	79.0	82.1	85.7	87.7	89.1	89.5	90.1	90.3	90.4	90.7	90.7	90.7	90.7	
GE 0	.4	66.9	75.3	79.2	82.5	86.2	88.4	89.7	90.7	91.2	91.5	91.7	92.0	92.0	92.0	92.0	
GE 0	.4	67.0	75.7	79.7	84.0	86.4	89.4	91.1	91.6	92.3	92.7	92.9	93.1	93.3	93.3	93.3	
GE 0	.4	67.3	75.9	79.9	84.5	87.4	90.1	92.3	93.0	93.7	94.1	94.3	94.5	94.7	94.7	94.7	
GE 0	.4	67.3	75.9	79.9	85.1	88.1	90.5	93.5	94.4	95.5	96.2	96.5	96.7	97.2	97.2	97.2	
GE 0	.4	67.3	75.9	79.9	85.1	88.1	91.3	94.0	95.0	96.0	97.0	97.4	97.9	98.3	98.5	98.6	
GE 0	.4	67.3	75.9	79.9	85.1	88.1	91.7	94.7	95.2	96.7	97.7	97.6	98.6	99.2	99.5	99.6	
GE 0	.4	67.3	75.9	79.9	85.1	88.1	91.7	94.7	95.2	96.7	97.7	97.6	98.6	99.2	99.5	100.0	
GE 0	.4	67.3	75.9	79.9	85.1	88.1	91.7	94.7	95.2	96.7	97.7	97.6	98.6	99.2	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 446

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: PLYMOUTH AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	7	78.8	39.6	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 2000	7	45.3	46.7	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 1600	7	45.3	46.9	47.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 1400	7	45.4	47.2	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 1200	7	45.7	47.5	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 1000	7	46.2	48.0	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 800	7	48.6	50.4	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 600	7	48.6	50.5	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 400	7	50.2	52.4	53.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 200	7	52.5	53.1	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 100	7	51.1	53.3	55.0	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 500	7	53.0	55.2	57.1	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 400	7	53.1	55.3	57.3	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 300	7	55.0	57.4	60.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 200	7	58.0	59.1	61.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 100	7	59.7	62.4	65.0	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 1000	7	61.8	65.0	68.0	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 800	7	66.3	70.2	73.3	75.5	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 600	7	66.8	70.8	73.7	76.2	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 400	7	69.8	73.6	76.8	79.7	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 200	7	71.3	77.0	80.5	84.4	85.8	86.6	87.0	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	7	71.0	77.5	81.2	85.5	87.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	7	72.1	79.3	81.9	86.3	88.3	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	7	72.6	79.8	82.5	86.9	89.0	90.6	92.1	92.3	92.9	93.7	93.7	93.7	93.7	93.7	93.7
GE 400	7	73.2	79.6	83.2	87.7	90.1	92.0	93.5	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7
GE 200	7	73.4	80.7	83.9	89.0	91.8	92.7	93.4	93.6	94.2	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 200	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 100	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE	7	73.4	80.3	84.0	89.4	91.2	94.4	96.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-87  
MONTH: FEB HOURS(LST): 1500-1700

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	4	45.2	47.8	48.3	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 2000	4	49.9	52.6	53.4	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1800	4	49.9	52.6	53.4	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1600	4	49.9	52.6	53.4	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1400	4	50.7	53.4	54.3	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1200	4	51.7	54.4	55.2	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1000	4	55.0	58.0	59.0	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 900	4	55.4	58.5	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 800	4	58.2	61.2	62.2	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 700	4	58.6	61.9	62.9	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 600	4	59.8	63.1	64.1	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 500	4	62.1	65.4	66.4	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 450	4	62.8	66.1	67.1	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 400	4	66.0	69.7	70.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 350	4	66.4	70.9	72.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 300	4	68.3	72.8	74.1	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 250	4	70.4	75.1	76.4	76.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 200	4	73.3	78.5	80.1	82.4	83.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 180	4	74.0	79.2	81.0	83.5	84.4	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 160	4	75.1	80.5	82.5	85.0	85.9	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 140	4	76.0	81.8	83.8	86.3	87.7	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 120	4	76.5	82.5	84.6	87.4	88.6	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 100	4	77.2	83.3	85.7	88.5	89.5	91.4	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 90	4	77.3	83.5	85.9	89.0	90.4	92.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 80	4	77.4	83.7	86.2	89.4	91.3	93.5	94.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 70	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 60	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 50	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 40	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 30	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 20	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 10	4	77.5	83.9	86.4	89.7	91.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8
NO CEIL	1.2	46.6	46.1	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2
GE 2000	1.2	51.1	52.6	54.3	54.4	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1600	1.2	51.1	52.6	54.3	54.4	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1400	1.2	51.2	52.7	54.4	54.4	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1400	1.2	51.4	53.0	54.6	54.7	54.6	54.6	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1400	1.2	52.1	53.7	55.3	55.4	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 1000	1.2	54.8	56.4	58.0	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 900	1.2	55.2	56.9	58.5	58.6	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 800	1.2	58.2	60.0	61.7	61.6	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 700	1.4	58.7	60.6	62.3	62.4	62.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 600	1.4	59.3	61.2	62.9	63.0	63.1	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 500	1.4	61.7	63.6	65.4	65.5	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 400	1.4	62.2	64.2	66.0	66.4	66.5	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 400	1.4	65.1	67.4	69.3	69.9	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 300	1.4	66.4	69.8	72.0	71.6	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 200	1.4	67.6	70.6	72.7	73.8	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 200	1.4	71.4	74.2	76.6	77.7	77.8	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 200	1.4	75.4	78.5	81.1	82.3	82.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	1.4	76.6	79.9	82.5	83.8	84.2	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	1.4	78.4	81.9	84.5	86.2	86.6	87.8	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	1.4	78.8	83.0	85.7	87.7	88.2	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	1.4	79.0	83.2	86.1	88.4	89.1	90.9	91.9	91.9	91.3	91.4	91.4	91.4	91.4	91.5	91.5
GE 900	1.4	79.8	84.2	87.1	89.5	90.2	91.8	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 800	1.4	79.8	84.2	87.1	89.7	90.5	92.2	92.6	92.6	92.9	93.0	93.0	93.0	93.1	93.3	93.3
GE 700	1.4	79.9	84.3	87.6	90.3	91.3	92.9	93.3	93.3	93.6	93.9	93.9	94.0	94.0	94.1	94.1
GE 600	1.4	79.9	84.3	87.7	90.5	91.5	93.5	94.1	94.1	94.4	94.7	94.7	94.8	94.8	94.9	94.9
GE 500	1.4	79.9	84.3	87.7	90.5	91.6	94.1	94.8	94.8	95.5	95.9	95.9	96.0	96.0	96.2	96.5
GE 400	1.4	80.0	84.4	87.9	90.8	92.1	94.8	95.6	96.0	96.6	96.9	96.9	97.0	97.0	97.3	97.5
GE 300	1.4	80.0	84.4	87.9	90.8	92.1	95.4	96.6	97.2	97.8	98.1	98.1	98.5	98.6	98.8	99.2
GE 200	1.4	80.0	84.4	87.9	90.8	92.3	95.7	96.9	97.6	98.3	98.7	98.7	99.1	99.1	99.4	99.8
GE 100	1.4	80.0	84.4	87.9	90.8	92.3	95.7	96.9	97.6	98.3	98.7	98.7	99.1	99.2	99.4	100.0
GE 0	1.4	80.0	84.4	87.9	90.8	92.3	95.7	96.9	97.6	98.3	98.7	98.7	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 77340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/10	GE 1/4	GE 0	
NO CEIL	42.2	43.9	45.0	45.5	45.8	45.9	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.3	
GE 2000	46.9	48.9	50.2	50.7	51.0	51.2	51.2	51.2	51.3	51.4	51.4	51.5	51.5	51.5	51.6	
GE 1800	47.0	49.0	50.3	50.8	51.1	51.2	51.2	51.3	51.4	51.4	51.5	51.5	51.6	51.6	51.6	
GE 1600	47.1	49.1	50.4	50.9	51.2	51.3	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.7	51.7	
GE 1400	47.5	49.5	50.6	51.3	51.5	51.7	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.1	
GE 1200	48.0	50.0	51.4	51.9	52.2	52.3	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.7	52.7	
GE 1000	50.9	53.0	54.5	55.1	55.3	55.5	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9	
GE 900	51.2	53.3	54.8	55.4	55.6	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.2	
GE 800	53.4	55.7	57.2	57.9	58.2	58.4	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	
GE 700	54.0	56.5	58.1	58.7	59.0	59.2	59.3	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.7	
GE 600	54.7	57.2	58.6	59.5	59.9	60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.5	
GE 500	56.9	59.5	61.3	62.0	62.5	62.7	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.2	
GE 400	57.0	60.2	62.1	62.9	63.3	63.6	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	
GE 300	60.1	62.9	65.0	66.0	66.5	66.7	66.9	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.3	
GE 200	61.4	64.4	66.6	67.6	68.1	68.4	68.6	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0	
GE 100	64.0	67.4	69.7	70.9	71.5	71.7	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	
GE 2000	66.6	70.3	72.8	74.3	75.0	75.4	75.6	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.1	
GE 1800	69.7	73.5	76.5	78.4	79.3	80.0	80.3	80.3	80.6	80.7	80.7	80.7	80.7	80.8	80.8	
GE 1600	73.4	74.5	77.3	79.3	80.1	81.0	81.3	81.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	
GE 1400	71.9	76.6	79.6	81.8	82.7	83.7	84.2	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.9	
GE 1200	73.3	78.3	81.5	83.9	85.1	86.3	87.0	87.0	87.5	87.7	87.7	87.8	87.8	87.8	87.9	
GE 1000	73.7	78.8	82.1	84.8	86.1	87.0	88.4	88.6	89.0	89.2	89.2	89.3	89.3	89.4	89.4	
GE 900	74.3	79.7	83.1	85.9	87.4	89.0	90.0	90.0	90.6	90.8	90.8	90.9	90.9	91.0	91.0	
GE 800	74.5	80.0	83.5	86.5	88.0	89.8	90.9	91.1	91.6	91.9	92.0	92.1	92.2	92.2	92.3	
GE 700	74.9	83.3	84.0	87.1	88.7	90.7	91.9	92.2	92.8	93.1	93.2	93.4	93.4	93.5	93.6	
GE 600	75.0	80.6	84.3	87.6	89.3	91.6	92.0	92.2	93.8	94.3	94.4	94.6	94.7	94.7	94.9	
GE 500	75.1	80.7	84.4	87.9	89.8	92.3	93.8	94.1	94.8	95.4	95.5	95.9	96.0	96.0	96.2	
GE 400	75.1	80.8	84.6	88.2	90.3	93.2	94.4	94.9	96.3	96.9	96.9	97.5	97.6	97.7	97.9	
GE 300	75.1	80.8	84.6	88.2	90.3	93.2	94.4	94.9	96.3	96.9	96.9	97.5	97.6	97.7	97.9	
GE 200	75.1	80.8	84.6	88.2	90.3	93.2	94.4	94.9	96.3	96.9	96.9	97.5	97.6	97.7	97.9	
GE 100	75.1	80.8	84.6	88.2	90.3	93.2	94.4	94.9	96.3	96.9	96.9	97.5	97.6	97.7	97.9	
GE 0	75.1	80.8	84.6	88.2	90.3	93.2	94.4	94.9	96.3	96.9	96.9	97.5	97.6	97.7	97.9	

TOTAL NUMBER OF OBSERVATIONS: 676R



GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	1	5.4	50.5	51.4	51.0	52.3	52.3	52.4	52.5	52.5	52.0	57.6	52.6	52.8	52.8	52.8	53.1
GE 2000	7.4	56.6	57.7	58.2	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.5
GE 1800	3.4	56.6	57.7	58.2	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.5
GE 1600	3.4	56.7	57.6	58.3	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.2	59.2	59.2	59.6
GE 1400	3.7	57.3	58.5	58.9	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	60.2
GE 1200	3.7	58.1	59.4	59.5	60.2	60.2	60.2	60.3	60.4	60.4	60.5	61.5	60.5	60.8	60.8	60.8	61.1
GE 1000	3.9	62.4	63.8	64.4	64.8	64.8	64.9	65.1	65.1	65.1	65.2	65.7	65.2	65.4	65.4	65.4	65.7
GE 900	3.9	62.7	64.1	64.7	65.2	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.7	65.7	65.7	66.0
GE 800	3.9	64.8	66.2	67.2	67.6	67.6	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.2	68.2	68.2	68.5
GE 700	3.9	65.3	66.7	67.6	68.1	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.9
GE 600	3.9	66.0	67.4	68.4	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.4	69.4	69.4	69.7
GE 500	4.0	70.4	72.0	73.1	73.5	73.5	73.7	73.8	73.8	73.8	73.9	74.0	74.0	74.2	74.2	74.2	74.6
GE 400	4.0	73.1	74.8	76.3	76.7	76.7	76.8	76.9	76.9	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.7
GE 300	4.0	74.6	76.5	77.7	78.7	78.7	79.1	79.2	79.2	79.2	79.4	79.5	79.5	79.7	79.7	79.7	80.1
GE 200	4.0	77.3	79.4	80.6	81.8	81.8	82.3	82.4	82.4	82.4	82.5	82.6	82.6	82.8	82.8	82.8	83.2
GE 100	4.0	79.2	81.3	82.8	83.9	83.9	84.3	84.4	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.8	85.3
GE 50	4.2	82.4	84.7	86.5	87.7	87.7	88.2	88.3	88.3	88.3	88.4	88.5	88.5	88.7	88.7	88.7	89.1
GE 40	4.2	84.1	86.9	88.7	90.1	90.2	90.6	90.6	90.6	90.6	90.7	90.8	90.8	91.0	91.0	91.0	91.6
GE 30	4.2	84.2	87.3	89.1	90.5	90.6	91.1	91.2	91.2	91.2	91.3	91.4	91.4	91.6	91.6	91.6	92.0
GE 20	4.2	85.5	87.8	91.1	92.9	93.0	93.4	93.5	93.5	93.5	93.7	93.8	93.8	94.0	94.0	94.0	94.4
GE 10	4.2	85.8	89.4	91.5	93.3	93.4	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.6	94.6	94.6	95.1
GE 500	4.2	86.2	89.9	92.0	93.9	94.0	94.7	94.8	94.8	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.8
GE 400	4.2	86.6	90.2	92.4	94.4	94.5	95.4	95.6	95.6	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.6
GE 300	4.2	86.6	90.2	92.4	94.4	94.5	95.9	96.2	96.2	96.2	96.5	96.6	96.6	96.8	96.8	96.8	97.2
GE 200	4.2	86.7	90.3	92.5	94.5	94.7	96.1	96.5	96.5	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.4
GE 100	4.2	86.8	90.4	92.6	94.7	94.9	96.7	97.0	97.0	97.0	97.2	97.3	97.3	97.5	97.5	97.5	98.0
GE 50	4.2	86.8	90.4	92.6	94.7	94.9	96.8	97.3	97.3	97.3	97.5	97.6	97.6	97.8	97.8	97.8	98.3
GE 40	4.2	86.8	90.4	92.6	94.8	95.2	97.2	97.6	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.9
GE 30	4.2	86.8	90.4	92.6	94.8	95.2	97.2	97.6	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.9
GE 20	4.2	86.8	90.4	92.6	94.8	95.2	97.2	97.6	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.9
GE 10	4.2	86.8	90.4	92.6	94.8	95.2	97.2	97.6	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.9
GE 5	4.2	86.8	90.4	92.6	94.8	95.2	97.2	97.6	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.9
GE 0	4.2	86.8	90.4	92.6	94.8	95.2	97.2	97.6	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.9

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7234-8 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR FOURSEILST: 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0				
NO CEIL	3.1	47.6	49.7	50.2	50.5	50.6	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 2000	3.1	52.4	54.4	55.1	55.6	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1800	3.1	52.4	54.4	55.1	55.6	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1600	3.4	52.7	54.7	55.4	55.9	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 1400	3.4	53.2	55.3	55.9	56.5	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 1200	3.4	54.1	56.1	56.8	57.3	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1000	3.8	59.4	61.4	62.0	62.6	62.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 900	3.9	60.1	62.2	62.8	63.3	63.5	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 800	3.9	63.5	65.6	66.6	67.1	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 700	3.9	63.8	65.8	66.8	67.3	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 600	3.9	64.4	66.6	67.5	68.1	68.3	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 500	3.9	68.2	70.3	71.3	71.9	72.3	72.5	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 450	3.9	69.9	72.2	73.1	73.8	74.2	74.4	74.5	74.5	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 400	3.9	71.6	74.0	75.1	75.7	76.5	76.7	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 350	3.9	72.9	75.5	76.9	77.5	78.3	78.5	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 300	4.0	76.2	78.8	80.5	81.5	82.3	82.6	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 250	4.0	78.7	81.5	83.4	84.5	85.3	85.6	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 200	4.0	82.2	85.3	87.6	89.7	89.9	89.9	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 180	4.0	82.7	85.8	88.2	89.2	90.0	90.4	91.1	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 160	4.0	83.5	87.1	89.5	90.5	91.5	91.9	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 140	4.0	84.5	87.8	90.4	91.8	92.6	93.1	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 120	4.0	84.6	88.1	90.6	92.2	93.1	94.7	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 100	4.0	84.6	88.3	90.9	92.4	93.4	94.2	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 90	4.0	84.9	88.5	91.1	92.6	93.7	94.4	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 80	4.0	85.1	89.6	91.4	93.0	94.2	94.9	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 70	4.0	85.2	88.7	91.5	93.1	94.4	95.2	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 60	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 50	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 40	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 30	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 20	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 10	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 0	4.0	85.3	88.8	91.6	93.2	94.5	95.3	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: PLYMOUTH AIR AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1/8	GE 1/4	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 2 3/4	GE 3	GE 3 1/4	GE 3 1/2	GE 3 3/4
NO CEIL	1.1	37.3	40.7	41.7	42.4	42.6	43.9	44.7	44.7	44.4	44.5	44.5	44.5	44.6	44.6	44.8
GE 20000	1.2	40.9	44.2	45.7	46.5	46.9	48.7	49.7	49.8	49.6	49.5	49.5	49.5	49.6	49.6	49.4
GE 18000	1.2	41.3	44.6	46.1	46.9	47.3	49.9	49.4	49.6	49.6	49.7	49.7	49.9	49.8	49.8	50.0
GE 16000	1.3	41.5	44.9	46.3	47.1	47.5	49.1	49.6	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.2
GE 14000	1.3	42.2	45.5	47.0	47.8	48.3	49.9	50.3	50.4	50.5	50.6	50.6	50.8	50.8	50.8	51.0
GE 12000	1.3	42.6	45.9	47.4	48.2	48.7	50.3	50.8	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.6
GE 10000	1.4	47.1	50.5	52.4	53.2	53.7	55.3	55.7	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.6
GE 9000	1.4	46.1	51.8	53.4	54.3	54.7	56.3	56.9	57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.7
GE 8000	1.5	51.4	55.6	57.3	58.2	58.6	60.2	60.8	61.1	61.1	61.3	61.3	61.4	61.4	61.4	61.6
GE 7000	1.5	52.6	57.1	58.9	59.8	60.2	61.8	62.5	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.3
GE 6000	1.5	53.0	57.6	59.5	60.3	60.6	62.6	63.3	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.3
GE 5000	1.5	55.7	60.4	62.3	63.1	64.1	65.7	66.7	66.9	67.0	67.2	67.2	67.3	67.3	67.3	67.6
GE 4500	1.5	57.5	62.3	64.1	65.1	66.1	67.7	68.7	68.9	69.2	69.5	69.5	69.6	69.6	69.6	69.9
GE 4000	1.5	60.3	65.4	67.3	68.3	69.3	71.2	72.2	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.3
GE 3500	1.5	62.0	67.2	69.4	70.4	71.4	73.4	74.4	74.6	74.9	75.2	75.2	75.3	75.3	75.3	75.6
GE 3000	1.5	64.5	69.7	71.9	72.9	73.8	76.5	77.4	77.6	78.0	78.2	78.2	78.3	78.3	78.3	78.6
GE 2500	1.5	67.6	73.5	75.6	76.7	77.6	80.4	81.6	81.8	82.2	82.4	82.4	82.5	82.5	82.5	82.8
GE 2000	1.5	72.3	78.0	80.4	81.0	81.7	84.9	86.2	86.4	86.7	86.9	87.0	87.1	87.1	87.1	87.4
GE 1800	1.5	72.5	78.2	80.6	81.4	82.1	85.6	86.8	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.8
GE 1600	1.5	73.2	79.5	82.5	83.3	84.0	87.7	88.8	89.0	89.3	89.4	89.4	89.5	89.5	89.5	89.8
GE 1400	1.5	73.8	80.4	83.4	84.2	84.9	88.7	89.8	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.8
GE 1200	1.5	73.9	80.6	83.7	84.5	85.2	89.0	90.1	90.3	90.6	90.7	90.7	90.8	90.8	90.8	91.1
GE 1000	1.5	73.9	80.6	83.7	84.5	85.2	89.0	90.1	90.3	90.6	90.7	90.7	90.8	90.8	90.8	91.1
GE 900	1.5	74.0	80.9	83.9	84.7	85.4	89.2	90.3	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.3
GE 800	1.5	74.3	81.3	84.4	85.2	85.9	89.7	90.8	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.8
GE 700	1.5	74.4	81.4	84.5	85.3	86.0	89.8	90.9	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.9
GE 600	1.5	74.5	81.5	84.6	85.4	86.1	90.0	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	92.1
GE 500	1.5	74.5	81.5	84.6	85.4	86.1	90.0	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	92.1
GE 400	1.5	74.5	81.5	84.6	85.4	86.1	90.0	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	92.1
GE 300	1.5	74.5	81.5	84.6	85.4	86.1	90.0	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	92.1
GE 200	1.5	74.5	81.5	84.6	85.4	86.1	90.0	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	92.1
GE 100	1.5	74.5	81.5	84.6	85.4	86.1	90.0	91.1	91.3	91.6	91.7	91.7	91.8	91.8	91.8	92.1

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723401 STATION NAME: PLYMOUTH AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	1.4	43.0	43.0	44.0	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 2000	1.7	48.3	50.1	51.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 1000	1.7	43.7	50.5	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1000	1.7	46.7	50.5	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1000	1.7	43.9	50.9	51.7	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 1200	1.7	49.4	51.2	52.2	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 1000	1.7	53.8	55.7	56.9	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 1000	1.7	54.3	56.2	57.4	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 1000	1.7	56.8	59.0	60.2	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 1000	1.7	57.1	59.4	60.5	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 1000	1.7	57.4	59.8	61.0	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 5000	1.7	59.2	61.9	63.3	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	1.7	60.8	63.4	64.8	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	1.7	63.4	66.2	67.6	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	1.7	64.8	67.6	69.2	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	1.7	69.0	71.9	73.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	1.7	72.4	76.1	77.6	81.2	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	1.7	75.5	80.2	82.4	84.8	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	1.7	75.9	80.6	82.6	85.2	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	1.7	77.0	81.5	84.6	87.2	88.5	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	1.7	77.6	82.4	85.6	88.6	89.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	1.7	78.2	83.5	86.6	89.7	91.2	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	1.7	78.2	83.5	86.6	89.7	91.2	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	1.7	78.6	84.0	87.1	90.5	92.2	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	1.7	78.6	84.3	87.4	91.1	92.8	94.6	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 300	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 200	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 100	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 100	1.7	78.8	84.3	87.4	91.2	92.9	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE 2000	1.4	51.1	51.9	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 1600	1.4	51.3	52.2	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 1400	1.4	51.3	52.2	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 1200	1.4	51.7	52.7	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 1000	1.5	51.9	52.9	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 800	1.5	54.9	56.2	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 600	1.5	55.6	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 400	1.5	57.5	58.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 200	1.5	55.1	59.5	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 100	1.5	58.6	60.1	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 500	1.5	59.7	61.3	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 450	1.5	60.9	62.5	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 400	1.5	63.8	65.7	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 350	1.5	67.0	69.2	69.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 300	1.7	72.5	75.2	76.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 250	1.9	75.4	78.4	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 200	1.9	78.7	82.9	84.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 150	1.9	79.4	83.8	85.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 100	1.9	80.5	85.4	87.0	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 50	1.9	82.4	87.5	89.5	92.5	92.9	93.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 40	1.9	82.9	88.4	90.4	93.4	93.7	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 30	1.9	83.0	88.6	90.6	93.6	94.0	94.6	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 20	1.9	83.0	88.6	90.6	93.6	94.0	94.6	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 10	1.9	83.0	88.6	90.6	93.6	94.0	94.6	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5	1.9	83.0	88.6	90.6	93.6	94.0	94.6	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1	1.9	83.0	88.6	90.6	93.6	94.0	94.6	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS: 937

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(DST): 1900-1700

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70340R STATION NAME: RHYTHMVILLE AFH AR

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 200	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 300	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 400	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 500	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 600	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 700	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 800	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 900	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1400	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1600	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1800	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2200	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2400	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2600	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2800	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3200	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3400	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3600	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 4200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 5000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 9000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 9200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 9400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 9600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 9800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 93

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 2100-2300

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 625



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RHYTHVILLE AFB AR

PERIOD OF RECORD: 78-87

MONTH: MAR

FOURSEXTS:

ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	3.0	46.4	47.4	48.1	48.4	48.5	48.7	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9
GE 1000	1	5.1	52.6	54.2	54.7	55.1	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1800	1	5.1	52.7	54.2	54.9	55.2	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 2600	1	5.2	52.8	54.3	55.0	55.4	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 3400	1	5.2	53.2	54.7	55.4	55.9	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4200	1	5.2	53.8	55.3	56.0	56.5	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	1	5.3	57.6	59.2	60.0	60.5	60.6	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.3
GE 6000	1	5.3	58.1	59.7	60.5	61.0	61.2	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.8
GE 7000	1	5.3	60.6	62.4	63.4	63.9	64.0	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.7
GE 8000	1	5.3	61.3	63.2	64.1	64.6	64.6	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4
GE 9000	1	5.3	62.0	64.0	65.0	65.5	65.7	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.4
GE 10000	1	5.4	64.5	66.4	67.8	68.4	68.7	69.0	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.5
GE 11000	1	5.4	66.5	68.4	69.9	70.0	70.9	71.2	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8
GE 12000	1	5.5	69.0	71.5	72.7	73.6	74.0	74.4	74.6	74.6	74.6	74.7	74.8	74.8	74.9	75.0
GE 13000	1	5.5	71.1	73.8	75.1	76.1	76.5	76.9	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.5
GE 14000	1	5.5	74.3	77.1	78.6	79.7	80.1	80.6	80.8	80.8	80.8	81.0	81.0	81.1	81.1	81.2
GE 15000	1	5.6	77.3	80.5	82.2	83.6	84.0	84.4	84.7	84.9	84.9	84.9	84.9	85.0	85.0	85.1
GE 16000	1	5.6	80.3	84.3	86.1	87.3	88.3	88.6	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.5
GE 17000	1	5.6	83.7	88.6	90.7	91.4	91.9	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8
GE 18000	1	5.6	86.7	91.9	94.5	95.7	96.2	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2
GE 19000	1	5.6	89.6	95.3	98.0	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 20000	1	5.7	92.4	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 21000	1	5.7	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 22000	1	5.7	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 23000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 24000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 25000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 26000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 27000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 28000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 29000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 31000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 32000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 33000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 34000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 35000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 36000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 37000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 38000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 39000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 41000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 42000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 43000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 44000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 45000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 46000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 47000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 48000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 49000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50000	1	5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 0000-0200

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEIL	1	0.7	58.8	60.4	60.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	1	0.3	63.1	64.8	65.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	1	0.3	63.0	65.2	65.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	1	0.3	63.6	65.2	65.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	1	0.4	63.9	65.6	65.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	1	0.4	63.9	65.6	65.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	1	0.4	67.9	69.7	69.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	1	0.4	69.3	70.1	70.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	1	0.4	71.9	73.6	74.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 7000	1	0.4	74.1	76.2	76.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	1	0.4	74.8	76.4	77.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	1	0.9	78.6	80.7	80.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4000	1	0.9	79.9	82.2	82.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	1	0.9	82.3	84.3	85.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	1	0.9	83.4	86.0	86.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	1	0.9	85.0	88.4	89.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 0000	1	0.9	87.1	90.2	91.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 10000	1	0.9	87.6	91.1	92.1	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 9000	1	0.9	87.6	91.1	92.1	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 8000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 0000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 10000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 9000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 8000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 0000	1	0.9	88.0	92.4	93.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: PLYMOUTH AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0700-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	1.9	54.9	55.9	56.4	56.8	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6
GE 2000	2.0	53.7	59.7	60.4	60.9	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.9
GE 1800	2.0	53.7	59.7	60.4	60.9	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.9
GE 1600	2.0	53.7	59.7	60.4	60.9	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.9
GE 1400	2.0	53.8	59.9	60.7	61.1	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.1
GE 1200	2.0	53.9	60.0	60.8	61.2	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2
GE 1000	2.4	63.3	64.4	65.2	65.7	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.7
GE 900	2.4	63.6	64.7	65.4	65.9	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9
GE 800	2.4	65.9	67.4	68.2	68.7	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7
GE 700	2.4	68.6	70.2	71.0	71.4	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4
GE 600	2.4	69.1	70.8	71.6	72.0	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0
GE 500	2.7	71.7	73.6	74.3	74.6	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.8
GE 400	2.7	73.3	75.1	75.9	76.3	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
GE 300	2.7	76.6	78.9	80.0	80.6	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
GE 200	2.7	73.6	80.6	82.0	82.6	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9
GE 100	2.8	81.8	84.2	85.7	86.2	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.6
GE 2000	2.8	84.1	86.7	88.4	89.2	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1
GE 1800	2.8	84.9	87.6	89.4	90.3	91.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.4
GE 1600	2.8	85.2	87.9	89.6	90.7	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9
GE 1400	2.8	86.2	88.8	90.6	91.7	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1
GE 1200	2.8	86.7	89.5	91.0	92.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.7
GE 1000	2.8	87.1	90.3	92.4	93.9	94.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3
GE 900	2.8	87.3	90.6	92.7	94.1	94.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.6
GE 800	2.8	87.6	90.9	93.0	94.4	95.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.9
GE 700	2.8	87.7	91.0	93.2	94.7	95.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4
GE 600	2.8	87.8	91.1	93.4	94.9	96.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
GE 500	2.8	87.9	91.3	93.7	95.1	96.4	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.9
GE 400	2.8	87.9	91.3	93.7	95.1	96.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1
GE 300	2.8	88.2	91.7	94.0	95.6	97.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.8
GE 200	2.8	88.2	91.7	94.0	95.6	97.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0
GE 100	2.8	88.2	91.7	94.0	95.6	97.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0
GE 2000	2.8	88.2	91.7	94.0	95.6	97.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723400 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR FOUR (LAST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0		
NO CEIL	0.0	50.1	51.0	52.6	52.9	53.0	53.2	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.8		
GE 2000	2.1	55.3	57.2	58.7	59.1	59.2	59.4	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	60.0		
GE 1800	2.1	55.0	57.6	58.9	59.3	59.4	59.7	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.2		
GE 1600	2.1	55.6	57.6	58.9	59.3	59.4	59.7	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.2		
GE 1400	2.1	55.9	57.9	59.2	59.7	59.8	60.0	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.6		
GE 1200	2.1	56.9	59.0	60.3	60.8	61.9	61.1	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.7		
GE 1000	2.1	60.8	63.2	65.0	65.4	65.6	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.3		
GE 800	2.1	60.9	63.2	65.1	65.6	65.7	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.4		
GE 600	2.2	64.3	67.1	69.2	69.8	69.9	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.7		
GE 400	2.3	66.7	69.9	72.0	72.6	72.7	72.9	73.6	73.6	73.2	73.2	73.2	73.2	73.2	73.2	73.4		
GE 200	2.3	67.1	70.3	72.4	73.0	73.1	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.9		
GE 500	2.4	69.0	72.6	75.0	75.8	75.9	76.1	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.7		
GE 400	2.4	69.9	73.8	76.2	77.3	77.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.2		
GE 400	2.4	73.2	77.3	80.0	81.1	81.3	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.1		
GE 300	2.4	74.3	79.8	81.6	82.7	82.9	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.8		
GE 300	2.4	76.7	81.1	84.0	85.2	85.4	85.9	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.4		
GE 200	2.4	78.2	82.6	85.7	86.9	87.1	87.9	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.6		
GE 200	2.4	80.3	85.2	88.3	89.7	89.9	90.8	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.7		
GE 1800	2.4	80.3	85.2	88.3	89.7	89.9	90.8	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.7		
GE 1800	2.4	80.4	85.9	89.1	90.6	90.8	91.7	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.6		
GE 1200	2.4	81.3	87.2	90.4	91.9	92.1	93.4	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.3		
GE 1000	2.4	82.1	88.0	91.4	93.0	93.2	94.8	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.7		
GE 800	2.4	82.8	88.9	92.3	93.9	94.2	95.9	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.8		
GE 600	2.4	83.0	89.2	92.7	94.3	94.7	96.3	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2		
GE 400	2.4	83.0	89.2	92.6	94.4	94.6	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.3		
GE 200	2.4	83.0	89.3	93.0	94.8	95.2	97.0	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	98.0		
GE 500	2.4	83.1	89.6	93.2	95.1	95.8	97.9	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.9		
GE 400	2.4	83.1	89.6	93.4	95.6	96.3	98.4	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.6		
GE 300	2.4	83.1	89.6	93.4	95.6	96.3	98.4	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.7		
GE 200	2.4	83.1	89.6	93.4	95.6	96.3	98.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	100.0		
GE 100	2.4	83.1	89.6	93.4	95.6	96.3	98.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	100.0		
GE 0	2.4	83.1	89.6	93.4	95.6	96.3	98.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: HLYTTEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11
NO CEIL	51.1	51.1	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	3.3	53.8	59.4	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	3.4	59.2	59.9	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	3.4	59.2	59.9	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	3.4	59.9	60.6	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	3.4	60.7	61.3	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	3.4	64.1	64.9	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	3.4	64.4	65.2	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	3.4	67.8	68.9	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	3.4	69.2	70.3	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	3.4	75.2	71.3	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	3.4	72.9	74.3	74.4	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	3.4	73.6	75.0	75.1	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	3.4	76.1	77.8	78.1	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	3.4	78.0	79.9	80.3	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1000	3.6	80.8	83.1	83.6	84.2	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 500	3.6	82.7	85.2	85.8	86.6	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 200	3.6	85.2	87.9	88.4	89.2	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 100	3.6	85.6	88.2	88.8	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 50	3.6	88.1	91.0	91.7	92.6	92.6	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 20	3.6	89.6	92.9	93.6	94.7	94.9	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 10	3.6	90.3	93.8	94.4	95.7	96.1	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5	3.6	90.6	94.0	94.7	95.9	96.3	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2	3.6	91.8	94.2	94.9	96.1	96.7	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1	3.6	92.9	94.3	95.0	96.2	96.9	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 0	3.6	92.9	94.3	95.1	96.3	97.0	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0.5	3.6	90.9	94.3	95.1	96.6	97.3	98.1	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0.2	3.6	90.9	94.3	95.1	96.6	97.4	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0.1	3.6	90.9	94.3	95.1	96.6	97.4	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0.05	3.6	90.9	94.3	95.1	96.6	97.4	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0.02	3.6	90.9	94.3	95.1	96.6	97.4	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0.01	3.6	90.9	94.3	95.1	96.6	97.4	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	3.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 2000	2.8	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 1800	2.9	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 1600	2.9	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 1400	2.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 1200	2.9	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1000	3.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 900	3.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 800	3.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 700	3.3	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 600	3.3	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 500	3.4	69.8	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 400	3.4	71.2	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 300	3.4	75.9	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 200	3.4	78.4	79.2	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 100	3.4	84.1	85.4	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	3.4	86.6	88.0	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	3.4	90.2	92.0	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	3.4	90.4	92.2	92.9	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1600	3.4	91.3	93.2	94.0	94.3	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1400	3.4	92.2	94.3	95.2	95.5	96.1	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
GE 1200	3.4	92.6	94.7	95.6	96.1	96.3	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	3.4	92.7	94.8	95.7	96.2	96.4	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 900	3.4	93.0	95.1	96.0	96.7	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	3.4	93.1	95.2	96.3	97.0	97.3	98.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	3.4	93.2	95.3	96.4	97.1	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	1	2	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES								GE 1 1/4	GE 1
								GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	3.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 2000	1	3.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 1800	1	3.4	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 1600	1	3.4	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 1400	1	3.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1200	1	3.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1000	1	3.4	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 900	1	3.4	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 800	1	3.4	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 700	1	3.4	72.9	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 600	1	3.4	74.4	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 500	1	3.4	76.0	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 400	1	3.4	77.3	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 300	1	3.4	81.7	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 200	1	3.6	84.6	85.6	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 100	1	3.6	87.6	89.1	90.0	90.3	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 500	1	3.7	89.6	91.2	92.1	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 200	1	3.7	92.0	93.9	95.0	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	1	3.7	92.0	93.9	95.0	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	1	3.7	93.0	95.0	96.2	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	1	3.7	93.3	95.4	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	1	3.7	93.9	96.0	97.2	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	1	3.7	93.9	96.0	97.2	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	1	3.7	94.0	96.1	97.7	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	1	3.7	94.2	96.3	97.9	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	1	3.7	94.4	96.6	98.1	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	1	3.7	94.4	96.6	98.1	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	1	3.7	94.4	96.7	98.2	98.8	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	1	3.7	94.4	96.7	98.4	99.0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	3.7	94.4	96.7	98.4	99.0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	3.7	94.4	96.7	98.4	99.0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	3.7	94.4	96.7	98.4	99.0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 75-87  
MONTH: APR HOURS(EST): 1800-2000

CEILING	IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	FEET	1	1"	6	5	4	3	2	1 1/2	1 1/4	1	7/4	5/8	1/2	5/16	1/4	0
NO CLIL	1	2.2	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 0000	1	3.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 1000	1	3.2	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1600	1	3.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1400	1	3.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 1200	1	3.2	62.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1000	1	3.2	67.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 9000	1	3.2	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	1	3.2	71.8	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	1	3.2	73.9	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	1	3.2	75.1	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	1	3.2	75.1	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4000	1	3.2	79.4	80.1	80.6	80.8	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	1	3.2	84.4	85.2	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	1	3.2	86.4	87.6	88.2	88.4	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	1	3.2	89.4	90.9	91.6	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	1	3.2	90.7	92.2	93.1	93.3	93.4	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	1	3.2	91.9	93.7	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	1	3.2	92.0	93.8	94.8	95.0	95.1	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	1	3.2	92.9	95.1	96.2	96.5	96.5	96.5	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3
GE 1200	1	3.2	93.4	95.7	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	1	3.2	93.8	96.1	97.3	98.0	98.1	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 9000	1	3.2	93.8	96.1	97.3	98.0	98.1	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 8000	1	3.2	94.0	96.4	97.7	98.3	98.4	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 7000	1	3.2	94.0	96.4	97.8	98.4	98.4	98.4	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 6000	1	3.2	94.0	96.4	97.8	98.4	98.4	98.4	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 5000	1	3.2	94.1	96.6	97.9	98.7	98.8	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000	1	3.2	94.1	96.6	98.0	98.8	98.8	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	1	3.2	94.1	96.6	98.0	98.8	98.8	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	1	3.2	94.1	96.6	98.0	98.8	98.8	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	1	3.2	94.1	96.6	98.0	98.8	98.8	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72340P STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(UT): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 2 3/4	GE 3	GE 3 1/4	GE 3 1/2	GE 3 3/4	GE 4
NO CEIL	2.3	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 2000	2.3	62.0	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1800	2.3	62.1	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1600	2.3	62.2	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1400	2.3	62.4	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1200	2.3	63.7	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1000	2.3	68.7	69.3	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 900	2.3	68.9	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 800	2.4	73.3	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 700	2.4	74.6	75.4	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 600	2.4	75.4	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 500	2.4	80.1	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 400	2.4	81.6	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 300	2.4	84.8	85.6	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 200	2.4	86.6	87.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 100	2.4	89.4	90.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	2.4	90.7	91.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	2.4	91.6	93.1	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	2.4	92.1	93.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1600	2.4	92.6	94.2	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1400	2.4	93.1	94.8	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	2.4	93.4	95.1	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	2.4	93.6	95.2	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	2.4	93.6	95.2	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	2.4	93.6	95.2	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	2.4	93.7	95.4	97.3	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	2.4	93.8	96.0	97.3	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	2.4	93.9	96.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	2.4	93.9	96.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	2.4	93.9	96.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	2.4	93.9	96.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	2.4	93.9	96.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	2.4	93.9	96.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 60

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703408 STATION NAME: REYKJAVIK AFB AF

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	2.5	52.7	53.4	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	
GE 2000	2.7	59.4	60.2	60.5	60.9	60.9	61.0	61.1	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	
GE 1800	2.7	59.8	60.0	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	
GE 1600	2.7	59.9	60.7	61.1	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	
GE 1400	2.7	60.3	61.1	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	
GE 1200	2.7	61.3	62.1	62.5	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	
GE 1000	2.9	65.3	66.2	66.6	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 900	2.9	65.5	66.5	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	
GE 800	2.9	69.2	70.3	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	
GE 700	2.9	71.0	72.2	72.7	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
GE 600	2.9	71.9	73.1	73.6	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	
GE 500	3.0	74.5	75.9	76.5	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	
GE 400	3.0	75.7	77.3	77.9	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 300	3.0	79.4	81.1	81.9	82.4	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 200	3.0	81.3	83.2	84.2	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	
GE 100	3.0	84.4	86.6	87.7	88.2	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	
GE 5000	3.1	86.2	88.5	89.8	90.4	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 4000	3.1	88.0	90.6	91.9	92.6	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 3000	3.1	88.2	90.7	92.1	92.8	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	
GE 2000	3.1	89.1	92.1	93.4	94.3	94.6	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 1000	3.1	89.8	92.8	94.3	95.3	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	
GE 1000	3.1	90.3	93.4	94.9	96.0	96.3	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	
GE 900	3.1	90.5	93.6	95.2	96.2	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	
GE 800	3.1	90.7	93.9	95.5	96.6	97.0	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	
GE 700	3.1	90.8	94.3	95.7	96.8	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	
GE 600	3.1	90.9	94.2	95.9	97.1	97.6	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	
GE 500	3.1	90.9	94.3	96.0	97.2	97.6	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	
GE 400	3.1	90.9	94.3	96.0	97.3	98.0	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	
GE 300	3.1	91.0	94.3	96.1	97.5	98.1	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	
GE 200	3.1	91.0	94.3	96.1	97.5	98.2	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	
GE 100	3.1	91.0	94.3	96.1	97.5	98.2	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
GE 0	3.1	91.0	94.3	96.1	97.5	98.2	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723424 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 0
NO CEIL	3.4	60.0	61.4	61.9	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 2000	3.4	66.1	67.6	68.3	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1800	3.4	66.1	67.6	68.3	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1600	3.4	66.2	67.7	68.4	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1400	3.4	66.2	67.7	68.4	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1200	3.4	66.6	68.1	68.7	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 1000	3.4	69.5	71.5	72.2	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 900	3.4	69.7	71.7	72.4	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 800	3.4	72.1	75.3	76.0	76.9	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 700	3.4	73.8	75.9	76.7	77.5	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 600	3.4	74.2	76.3	77.1	78.0	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 500	3.4	76.3	78.6	79.4	80.2	80.5	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 400	3.4	77.3	79.6	80.5	81.4	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 300	3.4	79.8	82.0	83.3	84.5	84.6	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 200	3.4	81.6	84.1	85.4	86.6	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 100	3.4	83.6	86.3	86.0	89.1	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	3.4	85.4	88.2	89.9	91.1	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	3.4	87.1	90.3	92.4	93.8	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1600	3.4	87.2	90.4	92.6	94.0	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1400	3.4	87.3	90.6	93.1	94.6	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	3.4	88.0	91.3	94.0	95.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	3.4	88.7	92.0	94.7	96.6	97.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	3.4	88.7	92.0	94.8	96.8	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	3.4	88.7	92.0	94.8	96.8	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	3.4	88.9	92.3	95.1	97.0	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	3.4	89.0	92.4	95.2	97.1	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	3.4	89.1	92.5	95.3	97.2	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	3.4	89.1	92.5	95.3	97.2	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	3.4	89.1	92.5	95.3	97.2	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	3.4	89.1	92.5	95.3	97.2	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	3.4	89.1	92.5	95.3	97.2	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	3.4	89.1	92.5	95.3	97.2	98.1	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURTY OBSERVATIONS

STATION NUMBER: 773404 STATION NAME: HLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.4	50.5	53.5	56.2	57.1	57.6	58.0	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6
GE 2000	2.6	56.5	60.0	63.4	64.8	65.5	65.6	66.2	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.8
GE 1800	2.6	56.6	60.1	63.5	64.9	65.6	65.9	66.3	66.3	66.6	66.6	66.6	66.7	66.7	66.7	66.9
GE 1600	2.6	56.6	60.1	63.5	64.9	65.6	65.9	66.3	66.3	66.6	66.6	66.6	66.7	66.7	66.7	66.9
GE 1400	2.6	56.6	60.1	63.5	64.9	65.6	65.9	66.3	66.3	66.6	66.6	66.6	66.7	66.7	66.7	66.9
GE 1200	2.6	57.1	60.6	64.1	65.5	66.1	66.5	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.4
GE 1000	2.7	61.2	65.5	69.0	70.5	71.2	71.6	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.6
GE 900	2.7	61.2	65.6	69.1	70.6	71.3	71.7	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.7
GE 800	2.8	64.0	68.4	72.0	73.7	74.3	74.8	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.8
GE 700	2.8	64.7	69.1	72.8	74.4	75.1	75.6	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.6
GE 600	2.8	65.3	69.7	73.3	74.9	75.6	76.1	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	77.1
GE 500	2.8	66.3	71.1	74.8	76.5	77.3	77.6	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.8
GE 400	2.8	67.4	72.2	76.0	77.7	78.6	79.1	79.6	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.1
GE 300	2.8	69.7	74.6	78.8	81.1	82.0	82.7	83.3	83.3	83.7	83.7	83.7	83.8	83.8	83.8	84.0
GE 200	2.8	71.5	75.7	81.1	83.4	84.4	85.1	85.6	85.6	86.1	86.1	86.1	86.2	86.2	86.2	86.5
GE 100	2.8	73.8	79.5	83.9	86.3	87.4	88.1	88.8	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.5
GE 50	2.8	74.5	80.2	85.2	87.7	89.1	89.9	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.4
GE 20	2.8	75.5	81.4	86.2	89.1	90.5	91.3	92.2	92.2	92.5	92.5	92.5	92.6	92.6	92.6	92.8
GE 10	2.8	75.5	81.5	86.3	89.2	90.6	91.4	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.4
GE 5	2.8	75.7	81.7	86.6	89.8	91.3	92.2	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.7
GE 0	2.8	76.6	82.6	87.6	91.0	92.7	93.7	94.6	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.3
GE 1000	2.8	77.5	83.7	88.7	92.0	93.6	94.7	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.5
GE 900	2.8	77.6	83.8	89.0	92.6	94.3	95.3	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.8	97.0
GE 800	2.8	77.7	84.1	89.4	92.9	94.7	95.7	96.9	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.6
GE 700	2.8	77.8	84.2	89.5	93.1	94.9	96.1	97.2	97.2	97.6	97.6	97.6	97.7	97.7	97.7	98.0
GE 600	2.8	78.1	84.4	89.9	93.5	95.4	96.7	97.7	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.5
GE 500	2.8	78.2	84.5	90.1	93.6	95.7	97.0	98.1	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.9
GE 400	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 300	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 200	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 100	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 50	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 20	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 10	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 5	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 0	2.8	78.6	85.2	90.9	94.6	96.5	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS: 921

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87  
MONTH: MAY GROUP(S): 0600-0600

TOTAL NUMBER OF OBSERVATIONS: 23.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0900-1100

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES				VISIBILITY IN STATUTE MILES			
		GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17	GE 18	GE 19	GE 20
NO CEIL	1	1.4	46.7	49.4	50.1	50.4	51.4	52.4	53.4	54.4	55.4	56.4	57.4	58.4	59.4	60.4	61.4	62.4	63.4	64.4	65.4
GE 20000	1.4	53.5	57.1	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	1.4	53.7	57.1	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	1.4	53.7	57.1	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	1.4	54.1	57.5	58.3	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	1.4	56.2	59.5	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	1.4	59.8	63.2	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	1.4	60.1	63.7	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	1.4	63.3	67.4	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	1.4	64.6	68.7	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	1.4	64.7	68.8	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	1.4	67.5	71.9	73.2	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	1.4	67.7	72.2	73.8	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	1.4	73.9	75.6	77.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	1.6	71.6	76.6	78.8	79.8	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1500	1.6	75.6	80.6	83.1	84.3	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	1.6	76.9	82.1	84.6	85.9	85.9	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	1.6	78.4	84.1	87.0	88.5	88.5	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 600	1.6	78.8	84.5	87.4	89.0	89.0	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	1.6	80.9	86.7	89.9	91.7	91.7	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 200	1.6	83.1	89.1	92.5	94.4	94.4	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	1.6	84.0	90.1	93.5	95.6	95.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 50	1.6	84.0	90.7	93.8	95.8	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 20	1.6	84.2	90.6	94.0	96.2	96.2	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 10	1.6	84.3	90.8	94.4	96.7	96.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5	1.6	84.3	90.8	94.5	96.8	96.8	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2	1.6	84.3	91.0	94.7	97.1	97.1	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1	1.6	84.3	91.0	94.7	97.1	97.1	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 0	1.6	84.3	91.0	94.7	97.1	97.1	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722400 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(EST): 1200-1400

CEILING IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NO CEIL	1.4	43.8	44.4	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 20000	1.6	52.7	53.3	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 18000	1.6	53.0	53.7	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	1.6	53.1	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	1.7	53.3	54.0	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	1.7	54.6	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	1.7	58.4	59.2	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	1.7	58.7	59.6	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	1.7	62.9	64.1	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	1.7	63.5	64.7	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	1.7	63.9	65.1	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	1.7	66.1	67.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	1.7	67.0	68.6	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3000	2.0	72.4	74.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2000	2.0	76.0	78.4	79.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1000	2.0	82.4	85.2	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 500	2.3	84.7	87.7	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 400	2.3	87.2	90.2	91.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 300	2.3	92.0	90.6	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 200	2.3	92.1	92.0	94.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 100	2.3	93.0	93.1	95.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 50	2.3	98.4	93.5	95.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 40	2.3	93.4	93.6	95.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 30	2.3	93.5	94.0	95.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 20	2.3	93.6	94.2	96.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10	2.3	93.6	94.3	96.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5	2.3	98.6	94.3	96.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	2.3	98.6	94.3	96.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS: 500

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHICLES VISIBILITY  
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 74-87  
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
50 FEET	5.1	45.2	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4
60 FEET	5.2	46.3	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5
70 FEET	5.3	47.4	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6
80 FEET	5.4	48.5	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7
90 FEET	5.5	49.6	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8
100 FEET	5.6	50.7	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9
110 FEET	5.7	51.8	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0
120 FEET	5.8	52.9	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1
130 FEET	5.9	54.0	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2
140 FEET	6.0	55.1	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3
150 FEET	6.1	56.2	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4
160 FEET	6.2	57.3	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5
170 FEET	6.3	58.4	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6
180 FEET	6.4	59.5	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7
190 FEET	6.5	60.6	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8
200 FEET	6.6	61.7	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9
210 FEET	6.7	62.8	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0
220 FEET	6.8	63.9	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1
230 FEET	6.9	65.0	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2
240 FEET	7.0	66.1	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3
250 FEET	7.1	67.2	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
260 FEET	7.2	68.3	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5
270 FEET	7.3	69.4	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6
280 FEET	7.4	70.5	71.4	71.5	71.6	71.7	71.8	71.9	72							

TOTAL NUMBER OF OBSERVATIONS: 230



AD-A188 223

ELYTHEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. OCT 87  
USAFETAC/DS-87-064

3/4

UNCLASSIFIED

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 0
NO CEIL	2.0	50.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	2.6	61.2	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	2.6	61.3	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	2.8	61.4	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	2.8	61.9	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	3.0	63.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	3.1	67.7	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	3.1	67.8	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8000	3.1	73.0	75.2	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	3.1	74.5	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	3.1	74.9	77.1	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	3.1	77.1	79.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	3.1	78.2	80.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	3.1	81.7	84.0	85.4	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 3500	3.1	83.5	85.8	87.4	87.7	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2
GE 3000	3.1	86.2	88.7	90.4	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 2500	3.2	87.6	90.2	92.0	92.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 2000	3.2	89.8	92.5	94.8	96.2	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7
GE 1800	3.2	89.9	92.6	94.9	96.3	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 1500	3.2	90.3	93.0	95.5	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 1200	3.2	90.8	93.7	96.1	97.7	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 1000	3.2	90.8	93.7	96.1	98.0	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	3.2	90.9	93.8	96.3	98.3	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 700	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 600	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 500	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 400	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 300	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 200	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 100	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 0	3.2	90.9	93.8	96.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7
NO CEIL	3.3	59.4	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	3.3	65.5	67.6	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1800	3.3	65.5	67.6	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1600	3.3	65.5	67.6	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1400	3.3	65.6	67.8	68.2	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1200	3.3	65.9	68.2	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 1000	3.4	73.9	73.1	73.4	73.5	73.5	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 900	3.4	73.9	73.1	73.4	73.5	73.5	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 800	3.4	74.5	77.0	77.7	78.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 700	3.4	74.9	77.4	78.2	78.8	78.8	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 600	3.4	75.3	77.7	78.5	79.1	79.1	79.1	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 500	3.4	77.7	80.2	81.0	81.6	81.6	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 450	3.4	78.5	81.0	81.7	82.4	82.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 400	3.4	82.2	85.2	86.1	86.3	86.9	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 350	3.4	84.0	87.0	88.0	88.6	88.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 300	3.4	86.5	89.6	90.8	91.7	91.8	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 250	3.4	87.7	91.2	92.6	93.5	93.9	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 200	3.4	89.8	93.2	94.6	95.6	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 180	3.4	89.8	93.2	94.6	95.6	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 160	3.4	90.1	93.5	95.4	96.5	96.8	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 140	3.4	90.5	94.0	95.8	96.9	97.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 120	3.4	90.5	94.0	95.8	96.7	97.4	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	3.4	90.6	94.1	96.1	97.2	97.7	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 80	3.4	90.6	94.1	96.1	97.2	97.7	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 70	3.4	91.0	94.5	96.0	97.6	98.2	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 60	3.4	91.1	94.6	96.7	97.7	98.3	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	3.4	91.1	94.6	96.7	97.7	98.3	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	3.4	91.1	94.6	96.7	97.7	98.3	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	3.4	91.1	94.6	96.7	97.7	98.3	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	3.4	91.1	94.6	96.7	97.7	98.3	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	3.4	91.1	94.6	96.7	97.7	98.3	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	3.4	91.1	94.6	96.7	97.7	98.3	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.3	49.4	51.5	52.4	52.9	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	2.4	57.2	59.6	60.8	61.4	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	2.4	57.3	59.7	60.9	61.6	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 16000	2.4	57.3	59.8	61.0	61.6	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2
GE 14000	2.4	57.6	60.1	61.3	61.9	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5
GE 12000	2.5	58.6	61.1	62.4	63.0	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
GE 10000	2.5	62.6	65.4	66.6	67.3	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	2.5	62.8	65.6	66.9	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
GE 8000	2.5	66.7	69.8	71.3	72.1	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 7000	2.5	67.6	70.7	72.2	73.1	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	2.6	68.2	71.3	72.9	73.7	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
GE 5000	2.6	70.6	73.9	75.6	76.5	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
GE 4500	2.6	71.5	74.8	76.6	77.6	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
GE 4000	2.7	74.8	78.5	80.6	81.9	82.2	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	2.7	76.9	80.6	82.9	84.1	84.5	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	2.7	80.1	84.2	86.7	88.0	88.4	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.3	89.3
GE 2500	2.7	81.5	85.8	88.4	89.8	90.3	90.7	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 2000	2.7	83.2	87.6	90.4	92.1	92.7	93.1	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 1800	2.7	83.3	87.8	90.6	92.3	92.9	93.4	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
GE 1500	2.7	84.1	89.7	91.7	93.6	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.4
GE 1200	2.7	85.0	89.7	92.9	94.8	95.5	96.1	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 1000	2.7	85.5	90.3	93.5	95.6	96.4	97.1	97.5	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 900	2.7	85.6	90.5	93.7	95.9	96.7	97.4	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	2.7	85.6	90.6	93.9	96.1	97.0	97.8	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7
GE 700	2.7	85.6	90.8	94.1	96.4	97.3	98.1	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1
GE 600	2.7	85.9	90.9	94.3	96.6	97.5	98.4	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	2.7	85.9	91.0	94.4	96.7	97.7	98.6	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 400	2.7	86.0	91.2	94.6	96.9	97.9	98.8	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 300	2.7	86.0	91.2	94.6	96.9	97.9	98.8	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	2.7	86.0	91.2	94.6	96.9	97.9	98.8	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	2.7	86.0	91.2	94.6	96.9	97.9	98.8	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 70	2.7	86.0	91.2	94.6	96.9	97.9	98.8	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	2.8	65.9	69.9	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 20000	2.8	74.3	79.0	79.6	81.2	81.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 18000	2.8	74.3	79.0	79.6	81.2	81.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 16000	2.8	74.3	79.0	79.6	81.2	81.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 14000	2.8	74.3	79.0	79.6	81.2	81.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 12000	2.8	75.2	80.0	80.6	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000	2.8	80.4	85.3	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	2.8	80.4	85.3	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	2.8	83.3	88.2	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	2.8	83.3	88.2	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	2.8	83.7	88.6	89.4	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	2.8	84.4	89.6	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	2.8	85.7	90.8	91.7	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	2.8	87.6	92.9	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	2.8	88.7	94.0	94.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	2.8	89.8	95.3	96.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	2.8	90.3	95.9	97.3	98.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1600	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1400	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	2.8	90.6	96.1	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2	GE 9	GE 9 1/2
NO CEIL	2.4	50.1	55.9	59.2	61.2	62.1	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 2000	2.4	59.3	66.4	70.1	72.3	73.2	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1800	2.4	59.3	66.4	70.1	72.3	73.2	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1600	2.4	59.3	66.4	70.1	72.3	73.2	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1400	2.4	59.4	66.6	70.2	72.4	73.4	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1200	2.4	60.4	67.7	71.6	73.8	74.8	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1000	2.4	66.1	73.8	78.2	80.7	81.9	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 900	2.4	66.3	74.0	78.6	81.1	82.3	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 800	2.4	68.4	76.7	81.4	84.1	85.3	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 700	2.4	69.3	77.1	81.9	84.6	85.8	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 600	2.4	70.1	78.0	82.8	85.4	86.7	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 500	2.4	71.9	80.2	85.1	87.8	89.0	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 400	2.4	72.3	80.8	85.8	88.4	89.7	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 300	2.4	74.2	82.7	87.7	90.4	91.7	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 250	2.4	74.7	83.3	88.4	91.2	92.4	93.1	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 200	2.4	75.8	84.7	89.9	92.9	94.2	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 150	2.4	76.3	85.3	90.6	93.9	95.2	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 100	2.4	76.8	85.8	91.1	94.4	95.8	96.4	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 50	2.4	77.0	86.0	91.3	94.7	96.0	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 0	2.4	77.1	86.1	91.4	94.8	96.1	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	2.4	77.3	86.3	91.7	95.0	96.4	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	2.4	77.3	86.3	91.7	95.0	96.4	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	2.4	77.4	86.4	91.9	95.2	96.8	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	2.4	77.4	86.4	91.9	95.2	96.8	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	2.4	77.7	86.7	92.1	95.8	97.4	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	2.4	77.7	86.7	92.1	95.8	97.4	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	2.4	77.8	87.0	92.7	96.3	98.0	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	2.4	77.8	87.0	92.7	96.3	98.0	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	2.4	77.8	87.0	92.8	96.4	98.1	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	2.4	77.8	87.0	92.8	96.4	98.1	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	2.4	77.8	87.0	92.8	96.4	98.1	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER OF OBSERVATIONS: 900																		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723406 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1.7	44.1	50.4	54.0	56.4	57.3	58.0	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	1.7	50.6	57.6	61.7	64.6	65.6	66.2	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	1.7	50.6	57.6	61.7	64.6	65.6	66.2	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	1.7	50.6	57.6	61.7	64.6	65.6	66.2	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	1.7	51.1	58.3	62.7	65.7	66.7	67.3	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	1.7	53.1	60.6	65.4	68.4	69.4	70.1	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	1.7	60.0	68.4	73.7	76.7	77.7	78.4	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	1.7	60.2	68.8	74.0	77.0	78.1	78.9	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	1.7	63.3	72.1	77.6	81.3	82.4	83.3	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	1.7	64.4	73.2	79.0	82.6	83.7	84.6	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	1.7	65.1	74.0	79.8	83.3	84.4	85.3	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
GE 5000	1.7	65.7	74.7	80.4	84.0	85.1	86.0	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	1.7	66.3	75.3	81.1	84.7	85.8	86.8	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	1.7	67.7	77.1	83.1	87.0	88.2	89.2	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	1.7	67.9	77.3	83.4	87.3	88.6	89.6	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	1.7	68.9	78.4	84.7	88.6	90.0	91.1	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	1.7	69.4	79.0	85.3	89.2	90.7	91.8	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	1.7	70.4	80.1	86.4	90.3	91.8	93.0	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	1.7	70.6	80.2	86.6	90.4	91.9	93.1	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 1600	1.7	70.8	80.4	86.8	90.7	92.1	93.3	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 1400	1.7	71.2	80.9	87.2	91.1	92.6	93.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	1.7	72.6	82.6	89.0	92.9	94.3	95.6	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	1.7	72.9	83.1	89.6	93.7	95.1	96.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	1.7	73.1	83.4	90.0	94.7	95.7	97.0	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	1.7	73.1	83.4	90.0	94.4	95.1	97.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	1.7	73.1	83.7	90.4	95.0	96.7	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	1.7	73.2	83.8	90.6	95.1	96.8	98.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	1.7	73.2	83.8	90.6	95.1	96.8	98.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	1.7	73.2	83.8	90.6	95.1	96.9	98.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	1.7	73.2	83.8	90.6	95.1	96.9	98.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	1.7	73.2	83.8	90.6	95.1	96.9	98.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	1.7	73.2	83.8	90.6	95.1	96.9	98.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	1.7	73.2	83.8	90.6	95.1	96.9	98.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.4	54.6	56.8	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	2.4	64.6	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	2.4	64.6	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	2.4	64.6	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	2.4	64.6	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	2.4	66.4	69.6	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	2.4	71.7	75.3	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	2.4	72.3	76.0	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	2.4	73.8	77.4	79.3	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	2.4	75.1	78.8	80.7	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	2.4	76.3	80.1	82.0	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	2.4	77.8	81.6	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4500	2.4	78.3	82.2	84.2	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	2.4	80.3	84.4	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	2.4	81.7	85.8	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	2.4	86.1	90.2	92.2	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	2.4	86.3	90.4	92.6	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	2.4	87.4	91.6	93.7	94.7	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	2.4	87.6	91.8	93.9	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	2.4	88.1	92.6	94.7	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	2.4	89.3	93.9	96.0	97.4	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	2.4	89.7	94.9	97.1	98.7	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	2.4	89.8	95.0	97.2	98.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	2.4	89.9	95.2	97.4	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	2.4	89.9	95.2	97.4	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	2.4	90.0	95.3	97.6	99.1	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 1/2	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	1	3.2	49.1	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	1	3.2	62.9	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	1	3.6	63.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	1	3.6	63.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	1	3.6	63.9	65.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	1	3.6	64.7	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	1	3.6	68.1	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	1	3.6	68.9	70.3	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	1	3.6	71.4	72.9	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	1	3.6	72.1	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	1	3.6	73.1	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	1	3.6	75.3	76.9	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	1	3.6	76.2	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	1	3.7	79.9	82.0	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	1	3.7	84.3	86.7	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	1	3.8	90.0	92.8	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	1	3.9	90.3	93.1	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	1	3.8	91.1	93.9	95.4	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1600	1	3.8	91.2	94.0	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1400	1	3.8	92.1	95.0	96.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	1	3.9	92.8	95.8	97.4	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	1	3.9	93.1	96.1	97.8	98.6	98.8	99.0	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7
GE 900	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 800	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 700	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 600	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 500	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 400	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 300	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 200	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 100	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
GE 0	1	3.8	93.2	96.2	97.9	98.7	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.4	54.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000	2.0	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	3.0	69.0	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 16000	3.0	69.0	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 14000	3.0	69.3	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	3.0	70.1	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	3.0	75.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	3.0	76.0	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	3.0	78.9	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	3.0	79.2	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	3.0	80.2	82.1	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	3.0	81.2	83.3	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	3.0	82.1	84.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	3.0	86.8	89.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	3.0	90.3	92.8	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	3.0	92.7	95.7	96.6	97.4	97.4	97.4	97.6	97.7	97.7	97.6	97.8	97.8	97.8	97.8	97.8
GE 2000	3.0	93.1	96.1	97.2	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	3.0	93.6	96.6	97.7	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	3.0	93.8	96.8	97.9	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1600	3.0	93.8	96.8	97.9	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	3.0	94.3	97.4	98.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.8	60.9	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	2.9	74.5	76.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 18000	2.9	75.0	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	2.9	75.0	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	2.9	75.1	77.0	77.8	77.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	2.9	77.0	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	2.9	83.1	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 9000	2.9	83.1	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	2.9	85.6	88.0	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 7000	2.9	85.8	88.2	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 6000	2.9	86.5	88.9	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	2.9	87.4	89.7	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	2.9	89.3	90.7	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	2.9	90.3	93.2	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	2.9	91.6	94.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	2.9	93.6	97.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	2.9	93.6	97.3	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	2.9	93.8	97.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	2.9	93.8	97.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	2.9	93.8	97.8	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	2.9	93.8	97.8	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	2.9	93.8	97.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO CEIL	3.0	67.1	69.8	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	3.0	76.9	79.8	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 18000	3.0	77.3	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 16000	3.0	77.3	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000	3.0	77.3	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	3.0	79.4	81.4	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 10000	3.0	83.8	87.0	87.4	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	3.0	83.9	87.1	87.5	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 8000	3.0	85.3	88.7	89.4	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	3.0	85.6	89.1	89.7	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 6000	3.0	85.8	89.4	90.1	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	3.0	86.2	89.7	90.4	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	3.0	87.0	90.5	91.2	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	3.0	90.0	93.6	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	3.0	91.9	95.1	95.8	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	3.0	92.1	96.5	97.7	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	3.0	92.5	97.1	98.2	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1400	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	3.0	92.5	97.1	98.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: GILTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN, HOUR(S) LAST: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	2.6	55.7	58.7	59.9	60.6	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	2.7	66.5	70.1	71.5	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	2.7	66.7	70.2	71.7	72.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 16000	2.7	66.7	70.2	71.7	72.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	2.7	66.9	70.6	72.1	72.9	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 12000	2.7	68.2	71.9	73.6	74.4	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 10000	2.7	73.6	77.8	79.5	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	2.7	73.9	78.1	79.9	80.8	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 8000	2.7	76.3	80.6	82.6	83.7	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	2.7	76.9	81.1	83.2	84.2	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	2.7	77.6	81.9	84.0	85.1	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	2.7	78.7	83.2	85.3	86.4	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	2.7	79.5	84.1	86.2	87.3	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	2.7	82.1	86.9	89.1	90.2	90.6	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	2.7	83.8	88.7	91.1	92.1	92.5	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	2.8	86.1	91.4	93.8	95.2	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 2500	2.8	86.5	91.8	94.3	95.8	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 2000	2.8	87.0	92.3	94.9	96.4	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	2.8	87.1	92.4	95.0	96.5	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1600	2.8	87.3	92.7	95.3	96.9	97.3	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1400	2.8	87.7	93.1	95.7	97.3	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
GE 1200	2.8	88.0	93.6	96.2	97.9	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	2.8	88.1	93.7	96.3	98.0	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 900	2.8	88.1	93.8	96.5	98.1	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 800	2.8	88.1	93.8	96.5	98.2	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 700	2.8	88.2	93.9	96.6	98.2	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 600	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	2.8	88.2	93.9	96.6	98.3	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 7174

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GF 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.7	68.4	72.2	73.8	75.1	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000	3.0	75.3	79.9	81.6	83.8	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 18000	3.0	75.3	79.9	81.6	83.9	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 16000	3.0	75.5	80.1	81.8	84.0	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 14000	3.0	75.5	80.1	81.8	84.0	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 12000	3.0	76.0	80.6	82.4	84.5	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 10000	3.0	79.0	84.0	86.6	88.7	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000	3.0	79.5	84.4	87.0	89.1	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	3.0	80.5	85.8	88.4	90.5	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 7000	3.0	83.5	85.8	88.4	90.5	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 6000	3.0	83.6	85.9	88.5	90.6	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 5000	3.0	82.0	87.3	89.9	92.0	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	3.0	82.3	87.5	90.1	92.3	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	3.0	83.8	89.1	91.7	93.9	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GF 3000	3.0	84.8	90.2	92.8	94.9	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	3.0	86.1	91.9	94.5	96.7	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	3.0	86.2	92.3	95.3	97.4	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	3.0	86.7	92.7	95.7	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	3.0	86.7	92.7	95.7	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	3.0	86.8	92.8	95.8	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	3.0	86.9	92.9	95.9	98.2	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	3.0	87.0	93.0	96.0	98.3	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	3.0	87.0	93.0	96.0	98.3	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.0	87.1	93.1	96.1	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	1	1.2	55.1	63.3	66.7	70.2	72.0	72.7	73.1	73.1	73.4	73.7	73.7	73.7	73.7	73.7
GE 20000	1.4	60.6	70.0	74.2	78.6	81.9	81.6	82.2	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7
GE 18000	1.4	60.6	70.0	74.2	78.6	81.9	81.6	82.2	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7
GE 16000	1.4	60.6	70.0	74.2	78.6	81.9	81.6	82.2	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7
GE 14000	1.4	60.6	70.0	74.2	78.6	81.9	81.6	82.2	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	1.4	61.2	70.5	74.7	79.1	81.4	82.3	82.6	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3
GE 10000	1.4	64.4	74.0	78.4	83.7	85.3	86.3	87.1	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6
GE 9000	1.4	64.7	74.3	78.7	83.3	85.6	86.7	87.4	87.4	87.7	87.7	88.0	88.0	88.0	88.0	88.0
GE 8000	1.4	66.7	76.2	80.9	85.5	87.7	88.9	89.7	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2
GE 7000	1.4	66.9	76.5	81.2	85.8	86.1	89.2	90.0	90.0	90.3	90.3	90.5	90.5	90.5	90.5	90.5
GE 6000	1.4	66.9	76.7	81.4	86.0	88.3	89.5	90.2	90.2	90.5	90.5	90.8	90.8	90.8	90.8	90.8
GE 5000	1.4	69.1	77.0	82.6	87.2	89.5	90.6	91.5	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	1.4	68.7	78.6	83.3	88.0	90.2	91.4	92.3	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8
GE 4000	1.4	69.8	79.8	84.6	89.5	91.7	93.0	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	1.4	70.3	80.3	85.2	90.1	92.4	93.7	94.5	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	1.4	71.7	81.7	86.6	91.5	93.8	95.1	96.0	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	1.4	71.8	81.8	86.8	91.8	94.2	95.5	96.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	1.4	72.2	82.5	87.4	92.5	94.8	96.1	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	1.4	72.3	82.6	87.5	92.6	94.9	96.2	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 1600	1.5	73.0	83.3	88.3	93.4	95.6	97.1	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1400	1.6	73.2	83.5	88.5	93.7	96.0	97.3	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	1.6	73.4	83.8	88.7	93.9	96.2	97.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	1.6	73.4	83.8	88.7	93.9	96.2	97.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	1.6	73.4	83.8	88.7	93.9	96.3	97.6	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	1.6	73.4	83.8	88.7	94.0	96.5	97.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	.1	41.3	57.9	58.6	63.2	65.9	66.8	68.3	68.5	68.5	69.7	68.7	68.9	68.9	68.9	68.9
GE 20000	.1	46.5	56.8	65.1	72.2	73.3	74.4	76.0	76.2	76.2	76.5	76.5	76.7	76.7	76.7	76.7
GE 18000	.1	46.5	56.8	65.1	72.2	73.3	74.4	76.0	76.2	76.2	76.5	76.5	76.7	76.7	76.7	76.7
GE 16000	.1	46.7	57.0	65.3	70.4	73.5	74.6	76.2	76.5	76.5	76.7	76.7	76.9	76.9	76.9	76.9
GE 14000	.1	47.1	57.4	65.8	71.0	74.1	75.2	76.8	77.0	77.0	77.2	77.2	77.4	77.4	77.4	77.4
GE 12000	.1	48.1	58.6	67.0	72.5	75.7	77.2	78.8	79.0	79.0	79.2	79.2	79.5	79.5	79.5	79.5
GE 10000	.1	52.6	63.7	72.2	78.1	81.6	83.4	85.1	85.3	85.3	85.5	85.5	85.7	85.7	85.7	85.7
GE 9000	.1	53.3	64.4	72.9	78.8	82.4	84.2	85.6	86.0	86.0	86.2	86.2	86.5	86.5	86.5	86.5
GE 8000	.1	54.8	66.0	74.9	80.9	84.5	86.5	88.1	88.3	88.3	88.5	88.5	88.7	88.7	88.7	88.7
GE 7000	.1	55.2	66.3	75.3	81.2	84.8	86.8	88.4	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.0
GE 6000	.1	55.6	66.8	75.7	81.6	85.3	87.2	88.8	89.0	89.0	89.2	89.2	89.5	89.5	89.5	89.5
GE 5000	.1	56.6	67.7	76.7	82.6	86.2	88.2	89.9	90.1	90.2	90.4	90.4	90.6	90.6	90.6	90.6
GE 4500	.1	56.9	68.1	77.1	83.0	86.7	88.6	90.3	90.5	90.6	90.9	90.9	91.1	91.1	91.1	91.1
GE 4000	.1	57.8	69.1	78.2	84.2	88.0	89.9	91.6	91.8	91.9	92.2	92.2	92.4	92.4	92.4	92.4
GE 3500	.1	58.1	69.4	78.4	84.4	88.2	90.1	91.8	92.0	92.2	92.4	92.4	92.6	92.6	92.6	92.6
GE 3000	.1	58.7	70.1	79.2	85.4	89.1	91.1	92.8	93.0	93.2	93.4	93.4	93.7	93.7	93.7	93.7
GE 2500	.1	59.9	70.3	79.5	85.7	89.6	91.5	93.2	93.4	93.7	93.9	93.9	94.1	94.1	94.1	94.1
GE 2000	.1	59.9	71.4	80.9	87.1	91.0	93.0	94.7	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.6
GE 1800	.1	59.9	71.4	80.9	87.1	91.0	93.0	94.7	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.6
GE 1500	.1	60.4	71.9	81.5	87.7	91.6	93.7	95.4	95.6	95.6	96.0	96.0	96.2	96.2	96.2	96.2
GE 1200	.1	60.6	72.3	81.9	88.2	92.2	94.3	96.0	96.2	96.6	96.8	96.8	97.0	97.0	97.0	97.0
GE 1000	.1	61.0	72.7	82.5	88.7	92.9	95.2	96.9	97.1	97.4	97.6	97.6	97.8	97.8	97.8	97.8
GE 900	.1	61.2	72.9	82.7	88.9	93.1	95.4	97.2	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3
GE 800	.1	61.3	73.0	82.9	89.2	93.4	95.7	97.5	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6
GE 700	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 500	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 0	.1	61.8	73.5	83.5	89.0	94.3	96.6	98.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS (LST): 0900-1100

CEILING IN FEET	GE 1"	VISIBILITY IN STATUTE MILES						VISIBILITY IN STATUTE MILES									
		GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.7	56.8	65.6	68.8	69.5	69.7	69.9	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	.3	61.9	71.4	75.1	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 18000	.3	61.9	71.4	75.1	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 16000	.3	62.5	71.5	75.2	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 14000	.3	62.5	72.0	75.7	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	.3	63.5	73.1	77.0	74.5	76.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	.3	67.8	77.8	81.7	83.4	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 9000	.3	68.0	78.0	81.8	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000	.3	69.1	79.2	83.1	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	.3	69.5	79.6	83.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	.3	69.5	79.7	83.5	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	.3	70.0	80.2	84.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	.3	70.2	80.4	84.9	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	.3	71.3	81.6	86.5	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	.3	72.2	82.6	87.5	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	.3	73.8	84.4	89.6	91.6	92.0	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	.3	73.8	84.5	89.7	91.7	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	.3	74.7	85.5	90.8	93.0	93.4	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	.3	75.1	85.8	91.1	93.3	93.8	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	.3	76.7	87.5	92.9	95.2	95.8	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	.3	77.4	88.5	94.0	96.2	96.9	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	.3	78.0	89.2	94.8	97.2	97.8	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	.3	78.0	89.4	94.9	97.3	97.8	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	.3	78.1	89.5	95.1	97.4	98.1	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	.3	78.3	89.7	95.4	97.7	98.4	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	.3	78.6	90.0	95.7	98.1	98.7	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	.3	78.6	90.0	95.7	98.1	98.7	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	.3	78.6	90.0	95.7	98.1	98.7	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	.3	78.6	90.0	95.7	98.1	98.7	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	.3	78.6	90.0	95.7	98.1	98.7	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	.3	78.6	90.0	95.7	98.1	98.7	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	.3	78.6	90.0	95.7	98.1	98.7	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723433 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(EST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL		.3	59.1	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 20000		.3	69.9	73.4	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 18000		.3	69.9	73.4	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 16000		.3	69.9	73.4	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 14000		.3	72.5	74.2	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 12000		.3	71.2	74.9	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GE 10000		.3	74.8	78.6	79.5	83.4	80.4	83.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 9000		.3	74.8	78.6	79.5	83.4	80.4	83.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 8000		.3	76.6	80.6	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 7000		.3	77.2	81.3	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	
GE 6000		.3	77.3	81.4	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 5000		.3	79.1	82.7	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 4000		.3	78.7	83.3	84.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE 3500		.3	79.6	85.1	86.5	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
GE 3000		.3	82.0	87.7	89.2	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 2500		.3	85.8	91.8	93.4	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	
GE 2000		.3	86.6	92.6	94.2	95.9	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 1800		.3	87.6	93.7	95.5	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1600		.3	87.7	93.8	95.6	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
GE 1400		.3	88.2	94.4	96.2	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	
GE 1200		.3	89.2	95.5	97.3	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1000		.3	89.5	95.7	97.5	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
GE 900		.3	89.5	95.7	97.5	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
GE 800		.3	89.5	95.7	97.5	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
GE 700		.3	89.5	95.7	97.5	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
GE 600		.3	89.5	95.7	97.5	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
GE 500		.3	89.6	95.8	97.6	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400		.3	89.6	95.8	97.6	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300		.3	89.6	95.8	97.6	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200		.3	89.6	95.8	97.6	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100		.3	89.6	95.8	97.6	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0		.3	89.6	95.8	97.6	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	I	VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	I	.P	59.7	62.6	64.0	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 2000	I	.P	70.6	74.7	76.5	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1800	I	.P	70.9	74.9	76.7	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1600	I	.P	70.9	74.9	76.7	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1400	I	.P	71.5	76.0	77.7	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1200	I	.P	73.1	77.3	79.0	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	I	.P	77.5	81.9	84.0	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 900	I	.P	77.8	82.3	84.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 800	I	.P	79.6	84.0	86.1	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 700	I	.P	79.9	84.5	86.7	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 600	I	.P	80.3	84.9	87.1	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 500	I	.P	80.8	85.6	87.7	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 400	I	.P	81.3	86.1	88.3	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 300	I	.P	84.3	89.4	91.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
GE 200	I	.P	86.3	91.4	94.1	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
GE 100	I	.P	89.1	93.3	96.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8
GE 2500	I	.P	88.7	94.0	96.7	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5
GE 2000	I	.P	88.8	94.1	96.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 1800	I	.P	88.8	94.1	96.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 1600	I	.P	88.8	94.1	96.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 1400	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 1200	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 1000	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 900	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 800	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 700	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 600	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 500	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 0	I	.P	89.0	94.3	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		10	0	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	1.2	50.3	62.9	63.5	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
GE 20000	1.2	72.0	76.2	77.2	79.0	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 18000	1.2	72.0	76.5	77.4	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE 16000	1.2	72.0	76.5	77.4	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE 14000	1.2	72.6	77.0	78.0	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 12000	1.2	73.3	77.8	78.9	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 10000	1.2	78.6	83.3	84.8	86.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 9000	1.2	78.9	83.7	85.2	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE 8000	1.2	81.3	86.0	87.5	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 7000	1.2	81.9	86.7	88.2	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
GE 6000	1.2	82.4	87.1	88.6	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
GE 5000	1.2	93.2	98.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 4500	1.2	94.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 4000	1.2	97.0	99.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 3500	1.2	98.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 3000	1.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2500	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 2000	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1800	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1600	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1400	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1200	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1000	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 800	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 700	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 500	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 0	1.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 530

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.3	69.6	73.3	73.8	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 20000	2.4	75.7	80.1	80.8	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 18000	2.4	75.9	80.3	81.0	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 16000	2.4	75.9	80.3	81.0	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 14000	2.4	76.0	80.4	81.1	83.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	2.4	76.7	81.2	81.8	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 10000	2.4	80.9	85.6	86.6	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	2.4	81.1	85.8	86.8	88.4	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 8000	2.4	82.9	87.7	88.7	90.8	91.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 7000	2.4	83.0	87.8	88.8	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 6000	2.4	83.2	88.1	89.0	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 5000	2.4	84.4	89.4	90.5	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500	2.4	84.8	89.8	91.0	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	2.4	86.6	91.5	93.1	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	2.4	88.0	93.0	94.6	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	2.4	89.6	94.8	96.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	2.4	89.9	95.3	97.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	2.4	90.0	95.4	97.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RLYTTEVILLE AFB AR

PERIOD OF RECORD: 77-66  
MONTH: JUL HOURS (LST): ALL

CEILING IN FEET	GE	VISIBILITY IN STATUTE MILES										GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1.1	58.6	64.0	66.3	68.0	68.7	69.0	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 2000	1.2	66.6	72.8	75.6	78.0	78.8	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	1.2	66.6	72.9	75.6	78.1	78.9	79.3	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 1600	1.2	66.7	73.0	75.7	78.1	78.6	79.4	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 1400	1.2	67.1	73.4	76.2	78.6	79.5	79.8	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3
GE 1200	1.2	67.9	74.3	77.1	79.5	80.4	80.9	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 1000	1.2	72.0	78.6	81.7	84.4	85.3	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 900	1.2	72.3	79.3	82.1	84.7	85.7	86.2	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 800	1.2	73.9	80.7	83.9	86.6	87.5	88.1	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	1.2	74.3	81.1	84.3	86.9	87.9	88.4	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	1.2	74.5	81.3	84.5	87.2	88.2	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 500	1.2	75.4	82.4	85.8	88.5	89.4	90.0	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 450	1.2	75.9	82.9	86.3	89.1	90.0	90.6	91.2	91.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 400	1.2	77.5	84.7	88.3	91.1	92.1	92.7	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3
GE 350	1.2	78.7	86.0	89.7	92.5	93.5	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 300	1.2	80.4	87.8	91.6	94.5	95.6	96.2	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 250	1.2	80.7	88.2	92.0	94.9	96.0	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 200	1.2	81.2	88.7	92.6	95.6	96.7	97.4	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 180	1.2	81.2	88.8	92.7	95.7	96.8	97.4	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 160	1.2	81.7	89.2	93.2	96.2	97.3	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 140	1.2	82.0	89.6	93.6	96.6	97.7	98.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 120	1.2	82.2	89.8	93.8	96.9	98.0	98.7	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	1.2	82.2	89.9	93.9	96.9	98.1	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 90	1.2	82.2	89.9	93.9	97.0	98.1	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 80	1.2	82.3	90.0	94.1	97.1	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 70	1.2	82.4	90.0	94.1	97.2	98.3	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 60	1.2	82.4	90.1	94.1	97.2	98.4	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 50	1.2	82.4	90.1	94.1	97.2	98.4	99.2	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 40	1.2	82.4	90.1	94.1	97.2	98.4	99.2	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 30	1.2	82.4	90.1	94.1	97.2	98.4	99.2	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 20	1.2	82.4	90.1	94.1	97.2	98.4	99.2	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 10	1.2	82.4	90.1	94.1	97.2	98.4	99.2	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	3.0	63.1	69.8	73.2	75.8	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
GE 20000	3.4	69.6	77.1	81.0	83.9	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 18000	3.4	69.9	77.4	81.3	84.2	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 16000	3.4	69.9	77.4	81.3	84.2	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 14000	3.4	70.1	77.6	81.5	84.4	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 12000	3.4	70.8	78.8	82.9	85.9	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 10000	3.4	73.7	82.0	86.1	89.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 9000	3.8	74.0	82.4	86.5	89.5	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 8000	3.8	75.7	84.3	88.5	91.5	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 7000	3.8	75.7	84.3	88.5	91.5	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 6000	3.8	76.0	84.6	88.8	91.8	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 5000	3.8	76.2	84.8	89.0	92.4	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 4000	3.8	76.2	84.8	89.0	92.4	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 3000	3.8	77.1	85.7	90.1	93.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 2000	3.8	78.0	86.6	91.0	94.4	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 1000	3.8	79.6	88.2	93.0	96.6	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 2000	3.8	79.7	88.3	93.1	96.7	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1800	3.8	80.1	88.7	93.5	97.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1600	3.8	80.1	88.7	93.5	97.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1400	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1000	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 100	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 0	3.8	80.1	88.8	93.6	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 730



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: GLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.6	46.5	55.2	61.3	66.7	68.2	70.0	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.3	71.4
GE 20000	2.0	52.0	61.3	67.8	73.8	75.3	77.3	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.9	79.0
GE 18000	2.0	52.0	61.3	67.8	73.8	75.3	77.3	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.9	79.0
GE 16000	2.0	52.0	61.3	67.8	73.8	75.3	77.3	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.9	79.0
GE 14000	2.0	52.0	61.5	68.2	74.1	75.6	77.7	78.6	79.0	79.0	79.1	79.1	79.1	79.1	79.4	79.5
GE 12000	2.0	52.4	61.8	68.6	74.9	76.5	78.6	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.2	80.3
GE 10000	2.2	55.8	65.3	72.3	78.7	81.3	82.9	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.8	84.9
GE 9000	2.2	56.1	65.6	72.6	79.0	81.6	83.2	84.5	84.7	84.7	84.8	84.8	84.9	84.9	85.2	85.3
GE 8000	2.4	58.8	68.6	75.9	82.6	84.4	87.0	88.4	88.6	88.6	88.7	88.7	88.8	88.8	89.0	89.1
GE 7000	2.4	58.8	68.6	76.2	82.9	84.7	87.3	88.7	88.9	88.9	89.0	89.0	89.1	89.1	89.4	89.5
GE 6000	2.4	59.5	69.2	77.0	83.7	85.5	88.1	89.5	89.7	89.7	89.8	89.8	89.9	89.9	90.1	90.2
GE 5000	2.4	60.4	70.4	78.2	85.3	87.1	89.7	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.7	91.8
GE 4500	2.4	60.5	70.5	78.3	85.5	87.3	89.9	91.3	91.5	91.5	91.6	91.6	91.7	91.7	91.9	92.0
GE 4000	2.4	61.9	72.0	80.0	87.5	89.5	92.0	93.4	93.7	93.7	93.8	93.8	93.9	93.9	94.1	94.2
GE 3500	2.4	62.0	72.2	80.3	88.0	90.0	92.6	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.6	94.7
GE 3000	2.4	62.9	73.1	81.3	88.9	91.0	93.5	94.9	95.2	95.2	95.3	95.3	95.4	95.4	95.6	95.7
GE 2500	2.4	63.5	73.9	82.0	89.8	91.8	94.4	95.8	96.0	96.0	96.1	96.1	96.2	96.2	96.5	96.6
GE 2000	2.4	63.9	74.2	82.4	90.1	92.4	94.9	96.5	96.7	96.7	96.8	96.8	96.9	96.9	97.1	97.2
GE 1800	2.4	63.9	74.2	82.4	90.1	92.4	94.9	96.5	96.7	96.7	96.8	96.8	96.9	96.9	97.1	97.2
GE 1600	2.4	63.9	74.3	82.6	90.6	92.9	95.6	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.7	97.8
GE 1400	2.4	64.2	74.7	83.0	91.2	93.4	96.1	97.6	97.8	97.8	97.9	98.0	98.1	98.1	98.3	98.4
GE 1200	2.4	64.2	74.7	83.1	91.3	93.5	96.2	97.7	98.0	98.0	98.1	98.1	98.2	98.2	98.4	98.5
GE 1000	2.4	64.2	74.7	83.2	91.4	93.7	96.3	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.5	98.6
GE 900	2.4	64.2	74.7	83.2	91.4	93.7	96.3	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.5	98.6
GE 800	2.4	64.2	74.7	83.2	91.4	93.7	96.3	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.5	98.6
GE 700	2.4	64.2	74.7	83.2	91.4	93.7	96.3	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.5	98.6
GE 600	2.4	64.2	74.7	83.3	91.5	93.9	96.7	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.8	98.9
GE 500	2.4	64.2	74.7	83.3	91.5	93.9	96.7	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.8	98.9
GE 400	2.4	64.3	74.8	83.4	91.6	94.0	96.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.9	99.0
GE 300	2.4	64.3	74.9	83.5	91.7	94.1	97.0	98.5	98.7	98.7	98.8	98.8	98.9	98.9	99.1	99.2
GE 200	2.4	64.3	74.9	83.5	91.7	94.1	97.1	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.3	99.4
GE 100	2.4	64.3	74.9	83.5	91.7	94.1	97.1	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.3	99.4
GE 0	2.4	64.3	74.9	83.5	91.7	94.1	97.1	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	.6	32.4	41.4	47.0	53.9	56.7	60.6	63.9	64.0	64.1	64.1	64.1	64.2	64.3	64.4	64.4
GE 2000	1	.6	34.6	44.3	51.1	59.1	62.6	67.1	70.4	70.6	70.8	70.8	70.8	70.8	70.9	71.0	71.1
GE 1800	1	.6	34.7	44.4	51.2	59.2	62.9	67.2	70.5	70.8	70.9	70.9	70.9	70.9	71.0	71.1	71.2
GE 1600	1	.6	34.7	44.4	51.2	59.2	62.9	67.2	70.5	70.8	70.9	70.9	70.9	70.9	71.0	71.1	71.2
GE 1400	1	.6	35.4	45.1	51.9	60.2	63.9	68.2	71.5	71.7	71.8	71.8	71.8	71.8	71.9	72.0	72.3
GE 1200	1	.6	35.9	45.7	52.6	60.9	64.5	68.8	72.2	72.4	72.5	72.5	72.5	72.6	72.7	72.9	72.9
GE 1000	1	.6	38.6	49.2	56.3	65.9	69.8	74.7	78.4	78.6	78.7	78.8	78.8	78.9	79.0	79.2	79.2
GE 900	1	.6	39.1	49.8	57.0	66.7	70.6	75.6	79.2	79.5	79.6	79.7	79.7	79.8	79.9	80.1	80.1
GE 800	1	.6	41.4	52.5	60.0	69.9	74.0	78.9	82.7	82.9	83.1	83.2	83.2	83.3	83.4	83.7	83.7
GE 700	1	.6	41.4	52.7	60.5	70.5	74.7	79.7	83.4	83.7	83.9	84.0	84.0	84.1	84.2	84.4	84.4
GE 600	1	.6	41.9	53.3	61.2	71.5	75.7	80.6	84.4	84.6	84.8	84.9	84.9	85.1	85.2	85.4	85.4
GE 500	1	.6	43.4	55.1	63.0	73.5	77.8	82.8	86.6	86.8	87.0	87.1	87.1	87.2	87.3	87.5	87.5
GE 400	1	.6	43.9	55.5	63.4	74.1	78.4	83.3	87.2	87.4	87.6	87.7	87.7	87.8	87.9	88.2	88.2
GE 300	1	.6	45.5	57.2	65.2	76.1	80.8	85.7	89.6	89.8	90.0	90.2	90.2	90.3	90.4	90.6	90.6
GE 200	1	.6	45.9	57.7	65.9	77.3	81.8	86.8	90.6	90.9	91.1	91.3	91.3	91.4	91.5	91.7	91.7
GE 100	1	.6	46.8	58.6	67.2	78.8	83.7	88.6	92.6	92.8	93.0	93.2	93.2	93.3	93.4	93.7	93.7
GE 2000	1	.6	46.9	58.9	67.4	79.0	84.0	88.9	92.9	93.1	93.4	93.7	93.7	94.0	94.1	94.3	94.3
GE 1800	1	.6	46.9	59.0	67.5	79.2	84.2	89.1	93.1	93.3	93.7	93.9	93.9	94.2	94.3	94.5	94.5
GE 1600	1	.6	46.9	59.0	67.5	79.2	84.2	89.1	93.1	93.3	93.7	93.9	93.9	94.2	94.3	94.5	94.5
GE 1400	1	.6	46.9	59.1	67.6	79.7	84.6	89.6	93.8	94.0	94.3	94.5	94.5	94.8	94.9	95.2	95.2
GE 1200	1	.6	47.2	59.8	68.3	80.3	85.4	90.4	94.6	94.8	95.3	95.5	95.5	95.8	95.9	96.1	96.1
GE 1000	1	.6	47.5	60.0	68.7	80.9	85.9	91.0	95.2	95.4	95.6	96.0	96.0	96.3	96.5	96.7	96.7
GE 900	1	.6	47.6	60.2	69.0	81.4	86.5	91.5	95.7	95.9	96.3	96.6	96.6	96.9	97.0	97.2	97.2
GE 800	1	.6	48.0	60.6	69.6	81.9	87.0	92.0	96.2	96.5	96.9	97.1	97.1	97.4	97.5	97.7	97.7
GE 700	1	.6	48.1	61.1	69.9	82.3	87.3	92.4	96.6	96.8	97.2	97.4	97.4	97.7	97.8	98.1	98.1
GE 600	1	.6	48.2	61.2	70.0	82.5	87.7	92.8	97.1	97.3	97.7	98.0	98.0	98.3	98.4	98.6	98.6
GE 500	1	.6	48.4	61.5	70.3	82.9	88.1	93.4	97.7	98.0	98.4	98.7	98.7	99.0	99.1	99.4	99.4
GE 400	1	.6	48.5	61.6	70.5	83.0	88.3	93.7	98.0	98.2	98.6	98.9	98.9	99.2	99.4	99.6	99.6
GE 300	1	.6	48.5	61.6	70.5	83.1	88.5	93.9	98.3	98.5	98.9	99.2	99.4	99.7	99.8	100.0	100.0
GE 200	1	.6	48.5	61.6	70.5	83.1	88.5	93.9	98.3	98.5	98.9	99.2	99.4	99.7	99.8	100.0	100.0
GE 100	1	.6	48.5	61.6	70.5	83.1	88.5	93.9	98.3	98.5	98.9	99.2	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CEIL	1	.9	49.2	54.4	59.7	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	1.0	55.1	61.1	66.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	1.0	55.1	61.1	66.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	1.0	55.1	61.1	66.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	1.1	55.9	62.3	67.6	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	1.1	58.1	64.6	70.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	1.2	61.6	69.1	75.4	77.6	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	1.2	62.3	69.9	76.1	78.4	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	1.2	64.3	72.3	78.6	80.9	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 7000	1.2	65.2	73.1	79.5	81.7	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	1.2	65.3	73.2	79.6	82.0	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	1.2	66.1	74.3	81.1	83.7	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	1.2	66.6	74.7	81.5	84.2	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4000	1.2	68.5	77.0	83.8	86.5	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	1.2	69.9	78.5	85.6	88.3	88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	1.2	72.0	80.9	88.0	91.7	91.4	92.0	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	1.2	72.4	81.2	88.3	91.4	91.9	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	1.2	72.8	81.8	89.0	92.4	92.9	93.7	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	1.2	72.8	81.8	89.0	92.4	92.9	93.7	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	1.2	73.2	82.5	89.9	93.4	94.0	94.7	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	1.2	74.0	83.2	90.9	94.6	95.2	95.9	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	1.2	74.8	84.2	91.8	95.6	96.1	96.9	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	1.2	74.9	84.4	92.4	96.2	96.6	97.5	98.0	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	1.2	75.2	84.6	92.6	96.6	97.1	97.5	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	1.2	75.2	84.9	92.9	96.9	97.7	98.5	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	1.2	75.3	85.1	93.0	97.0	98.0	98.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	1.2	75.3	85.2	93.1	97.1	98.1	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	1.2	75.3	85.2	93.1	97.1	98.1	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	1.2	75.3	85.2	93.1	97.1	98.1	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	1.2	75.3	85.2	93.1	97.1	98.1	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	1.2	75.3	85.2	93.1	97.1	98.1	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	1.2	75.3	85.2	93.1	97.1	98.1	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723468 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.7	53.7	57.3	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	1.8	63.4	67.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	2.0	63.9	68.2	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	2.7	63.9	68.2	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	2.2	64.8	69.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	2.2	65.7	70.1	72.2	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	2.7	70.2	75.2	77.2	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	2.7	70.8	75.7	77.7	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	2.7	72.3	77.3	79.4	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	2.7	72.7	77.8	79.9	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	2.7	72.7	77.9	79.9	80.6	80.6	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	2.7	74.0	79.1	81.2	81.9	81.9	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	2.7	74.6	79.8	81.6	82.6	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	2.7	77.1	82.5	84.9	85.8	85.9	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3500	2.7	79.7	85.5	88.1	88.9	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	2.7	84.1	90.0	92.9	93.8	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 2500	2.7	85.3	91.2	94.1	94.9	95.1	95.4	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 2000	2.7	86.2	92.2	95.2	96.1	96.2	96.6	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 1800	2.7	86.2	92.2	95.2	96.1	96.2	96.6	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 1600	2.7	86.8	92.7	95.7	96.7	96.8	97.1	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 1400	2.7	87.4	93.3	96.3	97.7	97.8	98.2	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 1200	2.7	87.6	93.5	96.6	98.4	98.5	98.8	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1000	2.7	87.6	93.5	96.8	98.4	98.5	98.8	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 900	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 0	2.7	87.6	93.5	96.9	98.6	98.8	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	3.2	57.2	60.4	62.4	63.2	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	3.5	69.5	73.2	75.3	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 18000	3.7	69.8	73.5	75.6	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 16000	3.9	70.3	74.1	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	3.9	71.0	74.7	76.8	77.6	77.8	77.9	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	3.9	72.2	76.3	78.3	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 10000	4.3	77.2	81.5	83.8	84.9	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	4.3	77.5	81.8	84.1	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000	4.6	79.9	84.2	86.5	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000	4.6	80.3	84.6	86.9	88.1	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 6000	4.6	80.5	84.8	87.2	88.5	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	4.6	82.0	86.5	88.8	90.1	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	4.6	82.0	86.5	88.8	90.1	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	4.7	83.5	88.1	90.5	92.0	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	4.7	85.2	89.9	92.5	94.2	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	4.8	87.5	92.3	95.6	97.3	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	4.8	87.6	92.4	95.7	97.4	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	4.8	87.7	92.5	95.9	97.6	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	4.8	87.8	92.6	96.0	97.7	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1600	4.8	88.1	92.8	96.2	98.1	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1400	4.8	88.4	93.1	96.6	98.4	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	4.8	88.4	93.1	96.6	98.4	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	4.8	88.5	93.2	96.7	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: RLYTTEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 9000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1600	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1400	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 800	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 700	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 600	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 500	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 400	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 300	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 200	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 100	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: HLYTTEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1"	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.2	68.7	73.1	75.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 20000	3.5	74.6	79.9	83.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 18000	3.5	74.6	79.9	83.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 16000	3.5	74.6	79.9	83.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 14000	3.5	74.9	80.2	83.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 12000	3.5	75.9	81.4	84.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 10000	3.9	79.0	84.8	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9000	3.9	79.2	85.1	88.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	3.9	80.6	86.5	89.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	3.9	80.6	86.5	89.7	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6000	3.9	81.3	87.1	90.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5000	3.9	81.4	87.2	90.4	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4500	3.9	81.7	87.5	90.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	3.9	83.2	89.2	92.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	3.9	83.3	89.4	92.8	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	3.9	85.2	91.2	94.9	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	3.9	85.4	91.5	95.3	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1600	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1400	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	3.9	85.5	91.6	95.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.1	54.2	59.6	63.3	66.0	66.7	67.5	68.0	68.0	68.0	69.1	68.1	68.1	68.1	68.1	68.1
GE 20000	2.4	61.3	67.6	71.7	74.7	75.5	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
GE 18000	2.4	61.5	67.8	71.9	74.9	75.7	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 16000	2.4	61.6	67.9	72.0	75.0	75.8	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 14000	2.4	62.2	68.5	72.7	75.7	76.5	77.4	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 12000	2.4	63.2	69.7	74.0	77.1	77.9	78.8	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
GE 10000	2.8	66.6	73.9	78.3	81.7	82.5	83.6	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 9000	2.8	67.2	74.2	78.7	82.1	82.9	84.0	84.7	84.7	84.6	84.8	84.8	84.8	84.8	84.9	84.9
GE 8000	2.9	69.2	76.4	81.0	84.5	85.4	86.5	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4
GE 7000	2.9	69.4	76.7	81.3	84.9	85.9	87.0	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9
GE 6000	2.9	69.6	77.1	81.8	85.5	86.5	87.6	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.6
GE 5000	2.9	70.7	78.1	82.9	86.7	87.7	88.9	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.9
GE 4000	2.9	71.0	78.4	83.1	87.0	88.1	89.2	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2
GE 4000	2.9	72.5	80.1	85.0	89.1	90.2	91.4	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4
GE 3500	2.9	73.4	81.1	86.2	90.3	91.5	92.7	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7
GE 3000	2.9	75.3	83.2	88.5	92.7	93.9	95.1	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 2500	2.9	75.7	83.6	88.9	93.2	94.4	95.6	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8
GE 2000	2.9	76.0	83.9	89.3	93.7	94.9	96.2	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4
GE 1800	2.9	76.0	83.9	89.3	93.7	94.9	96.2	97.0	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4
GE 1500	2.9	76.2	84.1	89.6	94.0	95.3	96.6	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 1200	2.9	76.5	84.5	90.0	94.5	95.9	97.2	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5
GE 1000	2.9	76.6	84.7	90.2	94.9	96.3	97.6	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9
GE 900	2.9	76.7	84.8	90.4	95.1	96.5	97.8	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 800	2.9	76.8	84.9	90.5	95.2	96.6	97.9	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3
GE 700	2.9	76.8	84.9	90.6	95.3	96.8	98.1	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 600	2.9	76.8	85.0	90.6	95.4	96.9	98.2	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6
GE 500	2.9	76.8	85.0	90.7	95.4	96.9	98.3	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7
GE 400	2.9	76.9	85.1	90.7	95.5	97.0	98.4	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 300	2.9	76.9	85.1	90.8	95.5	97.0	98.4	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 200	2.9	76.9	85.1	90.8	95.5	97.0	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9
GE 100	2.9	76.9	85.1	90.8	95.5	97.0	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0
GE 0	2.9	76.9	85.1	90.8	95.5	97.0	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(1ST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CLIL	1.9	62.2	66.9	69.0	72.1	72.6	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 20000	2.0	66.8	71.8	74.0	77.3	77.8	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	2.0	66.6	71.8	74.0	77.3	77.6	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	2.0	66.8	71.8	74.0	77.3	77.8	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 14000	2.0	66.8	71.8	74.0	77.3	77.8	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 12000	2.0	67.2	72.2	74.4	78.0	78.4	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	2.0	71.0	76.2	78.6	82.2	82.7	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	2.0	71.4	76.7	79.0	82.7	83.1	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 8000	2.0	75.2	80.4	82.8	86.4	86.9	87.4	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 7000	2.0	75.2	80.4	82.8	86.4	86.9	87.4	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 6000	2.0	75.7	80.9	83.2	86.9	87.3	88.0	88.2	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	2.0	77.0	82.2	84.6	88.2	88.7	89.3	89.4	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	2.0	77.4	82.7	85.0	88.7	89.1	89.8	89.8	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3
GE 4000	2.0	78.3	83.6	85.9	89.6	90.0	90.7	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	2.1	79.8	85.0	87.4	91.2	91.7	92.3	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	2.1	81.6	87.1	89.7	93.4	93.9	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	2.1	82.2	87.6	90.1	93.9	94.3	95.0	95.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	2.1	82.8	88.1	91.0	94.3	95.2	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	2.1	82.9	88.2	91.1	94.9	95.3	96.0	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 1600	2.1	83.0	88.3	91.2	95.4	95.9	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1400	2.1	83.7	89.4	92.3	96.1	96.6	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	2.1	83.8	89.7	92.6	96.3	97.0	97.9	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	2.1	84.0	89.9	92.8	96.6	97.2	98.1	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	2.2	84.3	90.2	93.1	96.9	97.6	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	2.2	84.4	90.4	93.3	97.1	97.6	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	2.2	84.4	90.4	93.3	97.1	97.9	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	2.2	84.4	90.4	93.4	97.2	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	2.2	84.4	90.4	93.4	97.3	98.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	2.2	84.4	90.4	93.4	97.3	98.2	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	2.2	84.4	90.4	93.4	97.3	98.2	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	2.2	84.4	90.4	93.4	97.3	98.2	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	2.2	84.4	90.4	93.4	97.3	98.2	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(IST): 0100-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	2.0	54.2	59.3	62.6	65.4	66.4	68.9	69.8	70.1	70.3	70.3	70.3	70.3	70.7	70.8	71.0
GE 2000	1	2.0	59.2	64.6	67.8	70.7	71.7	74.2	75.1	75.4	75.7	75.7	75.7	75.7	76.0	76.1	76.3
GE 1600	1	2.0	59.2	64.6	67.8	70.7	71.7	74.2	75.1	75.4	75.7	75.7	75.7	75.7	76.0	76.1	76.3
GE 1600	1	2.0	59.3	64.7	67.9	70.8	71.8	74.3	75.2	75.6	75.8	75.8	75.8	75.8	76.1	76.2	76.4
GE 1400	1	2.0	59.3	64.7	67.9	70.8	71.8	74.3	75.2	75.6	75.8	75.8	75.8	75.8	76.1	76.2	76.4
GE 1200	1	2.0	60.0	65.3	68.6	71.4	72.4	75.1	76.0	76.3	76.6	76.6	76.6	76.6	76.9	77.0	77.2
GE 1000	1	2.1	63.3	69.0	72.4	75.4	76.4	79.1	80.1	80.4	80.7	80.7	80.7	80.7	81.0	81.1	81.3
GE 900	1	2.1	63.7	69.3	72.8	75.8	76.8	79.4	80.4	80.8	81.0	81.0	81.0	81.0	81.3	81.4	81.7
GE 800	1	2.1	66.7	72.4	76.0	79.2	80.2	82.9	83.9	84.2	84.4	84.4	84.4	84.4	84.8	84.9	85.1
GE 700	1	2.1	67.1	72.9	76.4	79.7	80.8	83.4	84.7	85.0	85.2	85.2	85.2	85.2	85.6	85.7	85.9
GE 600	1	2.1	67.2	73.0	76.6	80.0	81.1	83.9	85.4	85.8	86.1	86.1	86.1	86.1	86.4	86.6	86.8
GE 500	1	2.1	68.1	73.9	77.6	81.0	82.1	84.9	86.4	86.8	87.1	87.1	87.1	87.1	87.4	87.6	87.8
GE 400	1	2.1	69.0	75.1	78.9	82.4	83.6	86.3	87.9	88.2	88.6	88.6	88.6	88.6	88.9	89.0	89.2
GE 300	1	2.1	70.1	76.2	80.0	83.6	84.7	87.4	89.0	89.3	89.7	89.7	89.7	89.7	90.0	90.1	90.3
GE 200	1	2.1	70.6	77.0	80.9	84.4	85.6	88.3	89.9	90.2	90.6	90.6	90.6	90.6	90.9	91.0	91.2
GE 100	1	2.1	71.8	78.3	82.4	86.3	87.6	90.3	92.0	92.3	92.7	92.7	92.7	92.7	93.0	93.1	93.3
GE 2000	2	2.3	72.2	79.0	83.3	87.3	88.6	91.2	93.0	93.3	93.7	93.7	93.7	93.7	94.0	94.1	94.3
GE 2000	2	2.3	72.7	79.4	84.2	88.3	89.6	92.3	94.0	94.3	94.7	94.7	94.7	94.7	95.0	95.1	95.3
GE 1800	2	2.3	72.9	79.7	84.4	88.6	89.8	92.6	94.2	94.6	94.9	94.9	94.9	94.9	95.2	95.3	95.6
GE 1600	2	2.3	73.7	80.7	85.6	89.7	90.9	93.7	95.3	95.7	96.0	96.0	96.0	96.0	96.3	96.4	96.7
GE 1200	2	2.3	73.9	81.0	85.9	90.0	91.2	94.0	95.7	96.0	96.3	96.3	96.3	96.3	96.7	96.8	97.0
GE 1000	2	2.3	74.1	81.3	86.3	90.4	91.7	94.4	96.1	96.4	96.8	96.8	96.8	96.8	97.1	97.2	97.4
GE 900	2	2.3	74.3	81.6	86.7	90.8	92.0	94.8	96.4	96.8	97.1	97.1	97.1	97.1	97.4	97.6	97.8
GE 800	2	2.3	74.3	81.6	86.8	90.9	92.1	94.9	96.6	96.9	97.2	97.2	97.2	97.2	97.6	97.7	97.9
GE 700	2	2.3	74.3	81.7	87.0	91.1	92.4	95.4	97.1	97.4	97.8	97.8	97.8	97.8	98.1	98.2	98.4
GE 600	2	2.3	74.3	81.8	87.1	91.2	92.7	95.7	97.3	97.7	98.0	98.0	98.0	98.0	98.3	98.4	98.7
GE 500	2	2.3	74.3	81.8	87.1	91.3	92.8	95.8	97.4	97.8	98.1	98.2	98.2	98.2	98.6	98.7	98.9
GE 400	2	2.3	74.3	81.8	87.1	91.3	92.8	95.8	97.4	97.8	98.1	98.2	98.2	98.2	98.6	98.7	98.9
GE 300	2	2.3	74.3	81.9	87.2	91.4	93.0	96.3	98.1	98.4	98.8	98.8	98.8	98.8	99.2	99.3	99.6
GE 200	2	2.3	74.3	81.9	87.2	91.4	93.0	96.3	98.2	98.6	98.9	98.9	98.9	98.9	99.4	99.6	99.8
GE 100	2	2.3	74.3	81.9	87.2	91.4	93.0	96.3	98.2	98.6	98.9	98.9	98.9	98.9	99.4	99.7	99.9
GE	1	2.3	74.3	81.9	87.2	91.4	93.0	96.3	98.2	98.6	98.9	98.9	98.9	98.9	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(1ST): 0600-0600

CEILING		VISIBILITY IN STATUTE MILES															
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL	1															
GE	20000		38.9	45.7	51.8	60.1	62.2	64.7	67.4	67.8	68.8	69.6	69.6	69.9	70.0	70.0	70.2
GE	18000		29.0	45.6	51.9	60.2	62.3	64.8	67.7	68.0	69.0	69.8	69.8	70.1	70.2	70.2	70.4
GE	16000		39.0	45.9	51.9	60.2	62.3	64.8	67.7	68.0	69.0	69.9	69.8	70.1	70.2	70.2	70.4
GE	14000		39.2	46.0	52.2	60.7	62.8	65.2	68.1	68.4	69.4	70.2	70.2	70.6	70.7	70.7	70.9
GE	12000		40.2	47.1	53.3	61.8	64.0	66.4	69.4	69.8	70.8	71.6	71.6	71.9	72.0	72.0	72.2
GE	10000	.2	44.1	51.3	58.0	66.9	69.3	71.8	74.6	75.1	76.1	76.9	77.0	77.3	77.4	77.4	77.7
GE	9000	.2	45.1	52.3	59.0	67.9	71.3	72.9	75.9	76.2	77.2	78.0	78.1	78.4	78.6	78.6	78.8
GE	8000	.2	47.6	55.1	62.4	71.3	74.0	76.6	79.8	80.1	81.2	82.0	82.1	82.4	82.6	82.6	82.8
GE	7000	.2	48.3	55.9	63.2	72.1	74.6	77.3	80.9	81.2	82.4	83.2	83.3	83.7	83.8	83.8	84.0
GE	6000	.2	48.8	56.4	63.8	72.9	75.6	78.1	81.7	82.0	83.2	84.0	84.1	84.4	84.6	84.6	84.8
GE	5000	.2	49.9	57.6	64.9	74.1	76.8	79.3	83.1	83.4	84.7	85.4	85.6	85.9	86.0	86.0	86.2
GE	4000	.2	50.3	58.0	65.4	74.7	77.3	79.9	83.7	84.0	85.2	86.0	86.1	86.4	86.6	86.6	86.8
GE	3000	.2	51.3	59.1	66.9	76.1	79.1	81.8	85.6	85.9	87.1	87.9	88.0	88.3	88.4	88.4	88.7
GE	2000	.2	51.6	59.4	67.3	76.6	79.7	82.4	86.2	86.6	87.6	88.6	88.7	89.0	89.1	89.1	89.3
GE	1000	.2	51.9	59.8	67.8	77.2	80.4	83.2	87.1	87.4	88.7	89.4	89.6	89.9	90.0	90.0	90.2
GE	500	.2	52.1	60.0	68.0	77.6	80.8	83.8	87.7	88.0	89.2	90.0	90.1	90.4	90.6	90.6	90.8
GE	400	.2	52.7	60.6	68.7	78.2	81.7	84.7	88.7	89.0	90.2	91.0	91.1	91.4	91.6	91.6	91.8
GE	300	.2	52.8	60.7	68.8	78.4	81.9	84.9	88.9	89.2	90.4	91.2	91.3	91.7	91.8	91.8	92.0
GE	200	.2	53.3	61.4	69.6	79.6	83.0	86.0	90.1	90.4	91.7	92.4	92.6	92.9	93.0	93.0	93.2
GE	100	.2	53.8	62.0	70.4	80.7	82.6	86.8	90.9	91.2	92.4	93.2	93.3	93.7	93.8	93.8	94.0
GE	50	.2	54.1	62.6	71.0	80.4	84.6	87.7	92.0	92.3	93.6	94.3	94.4	94.8	94.9	94.9	95.1
GE	40	.2	54.3	62.8	71.2	81.0	84.8	88.1	92.6	92.9	94.1	94.9	95.0	95.3	95.4	95.4	95.7
GE	30	.2	54.3	62.8	71.3	81.2	85.0	88.4	92.9	93.2	94.4	95.2	95.3	95.7	95.8	95.8	96.0
GE	20	.2	54.3	62.9	71.6	81.6	85.4	89.0	93.4	93.9	95.1	95.9	96.0	96.3	96.4	96.4	96.7
GE	10	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	5	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	4	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	3	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	2	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	1	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6	97.6	97.8
GE	0	.2	54.4	63.0	71.9	82.3	86.2	89.9	94.4	94.9	96.2	97.0	97.1	97.4	97.6</		

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 703409 STATION NAME: RLYTTEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES										1	1/4	5/8	1/2	5/16	1/4	0
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE							
NO CEIL	1	.3	51.6	57.7	60.9	62.7	63.7	64.7	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 2000	1	.3	57.6	64.2	67.9	70.0	71.1	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	1	.3	57.7	64.3	68.0	70.1	71.2	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1600	1	.3	57.8	64.4	68.1	70.2	71.3	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1400	1	.3	57.9	64.6	68.2	70.3	71.4	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1200	1	.3	59.4	66.2	69.9	72.0	73.1	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1000	1	.3	62.9	69.9	73.9	76.3	77.4	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 900	1	.3	63.3	70.3	74.3	76.8	77.9	78.3	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 800	1	.3	65.1	72.2	76.3	78.8	80.0	80.4	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 700	1	.3	65.6	73.0	77.4	80.0	81.2	81.7	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 600	1	.3	66.6	73.9	78.3	80.9	82.1	82.6	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 500	1	.3	67.4	74.8	79.2	81.9	83.0	83.4	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 400	1	.3	67.4	74.8	79.2	81.9	83.0	83.4	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 300	1	.3	68.9	76.2	80.7	83.6	85.1	85.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 200	1	.3	69.9	77.3	81.9	84.9	86.4	86.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 100	1	.3	71.2	78.7	83.2	86.2	87.8	88.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	1	.3	71.4	79.0	83.6	86.6	88.1	88.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	1	.3	72.1	79.8	84.3	87.4	89.0	89.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1600	1	.3	72.1	79.8	84.3	87.4	89.0	89.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1400	1	.3	73.4	81.4	86.1	89.3	90.9	91.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	1	.3	75.0	83.1	87.9	91.1	92.7	93.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	1	.3	76.1	84.3	89.4	92.8	94.4	94.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	1	.3	76.2	84.7	90.1	93.6	95.2	95.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	1	.3	76.2	84.8	90.4	93.9	95.7	96.1	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	1	.3	76.2	84.9	90.6	94.1	96.0	96.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	1	.3	76.6	85.1	90.8	94.6	96.4	96.8	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	1	.3	76.6	85.1	90.8	94.7	96.7	97.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	1	.3	76.6	85.1	90.8	94.8	96.8	97.4	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	1	.3	76.6	85.1	90.8	94.8	96.8	97.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	1	.3	76.6	85.1	90.8	94.8	96.8	97.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	1	.3	76.6	85.1	90.8	94.8	96.8	97.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1	.3	76.6	85.1	90.8	94.8	96.8	97.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS/1ST: 1200-1400

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES								GE 1/2	GE 5/16	GE 1/4	GE 0
								GE 0	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	1.0	57.2	59.8	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 2000	1.0	56.4	69.3	71.0	72.7	72.2	72.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1800	1.0	66.8	69.7	71.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1600	1.0	66.6	69.7	71.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1400	1.0	67.9	70.8	72.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 1200	1.0	68.9	71.8	73.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1000	1.0	72.7	75.7	77.4	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 900	1.0	72.9	75.9	77.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 800	1.0	74.6	77.8	79.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 700	1.0	75.6	78.6	80.6	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 600	1.0	76.2	79.3	81.3	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 500	1.0	77.0	80.1	82.1	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 400	1.0	77.1	80.2	82.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 300	1.0	78.7	81.8	83.8	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 200	1.0	80.8	84.2	86.3	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 100	1.0	83.4	87.7	89.9	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	1.0	94.3	88.3	90.7	92.6	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	1.0	95.7	89.7	92.0	93.9	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	1.0	95.9	89.9	92.2	94.1	94.1	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1600	1.0	97.0	91.2	93.7	95.6	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1400	1.0	98.0	92.3	94.8	96.8	96.8	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	1.0	98.2	92.7	95.1	97.2	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	1.0	98.3	93.0	95.4	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 960

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: SEP FOURS(1ST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12
00 CEIL 1	1.6	60.7	61.7	63.0	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	1.6	71.6	72.7	74.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 18000	1.6	72.0	73.1	74.6	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 16000	1.6	72.3	73.2	74.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	1.6	72.7	73.8	75.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 12000	1.6	73.9	75.0	76.7	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	1.6	77.6	78.7	80.3	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	1.6	77.6	78.9	80.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	1.6	80.4	81.7	83.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 7000	1.6	81.2	82.6	84.2	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	1.6	81.4	82.9	84.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	1.6	82.3	83.8	85.4	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	1.6	82.6	84.2	85.9	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	1.6	84.1	85.7	87.4	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	1.6	86.1	87.9	89.9	91.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	1.6	88.3	90.4	92.4	94.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	1.6	89.1	91.4	93.4	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	1.6	90.6	93.0	95.0	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1600	1.6	91.6	93.8	95.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1400	1.6	92.7	93.1	95.3	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	1.6	93.1	93.6	96.0	97.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	1.6	93.3	94.0	96.2	98.1	98.7	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	1.6	93.3	94.0	96.3	98.2	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 9, 2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP FOURTH (LAST): 1800-2000

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE 1"	GE 3"	GE 5"	GE 10"	GE 15"	GE 20"	GE 25"	GE 30"	GE 35"	GE 40"	GE 45"	GE 50"	GE 55"	GE 60"	GE 65"	GE 70"
NO CEIL	1	1.9	62.6	64.9	66.4	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	1.9	69.3	72.7	74.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 18000	1.9	69.4	72.9	74.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 16000	1.9	69.7	73.0	74.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	1.9	70.3	73.7	75.3	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 12000	1.9	70.9	74.2	75.9	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	1.9	75.9	79.2	80.9	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 9000	1.9	75.9	79.2	80.9	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	2.1	79.8	83.4	85.1	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 7000	2.1	80.6	84.2	85.9	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	2.1	81.2	84.9	86.6	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	2.1	82.1	85.9	87.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	2.1	82.3	86.1	87.8	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	2.1	83.1	86.9	88.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	2.1	84.1	87.9	89.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	2.2	86.3	90.3	92.1	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	2.3	87.0	91.0	92.6	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	2.3	87.3	91.3	93.6	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1600	2.3	87.6	91.6	93.8	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1400	2.4	87.9	91.9	94.2	96.7	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	2.4	88.9	93.1	95.6	98.2	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	2.4	89.1	93.3	95.8	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	2.4	89.1	93.3	95.8	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	2.4	89.2	93.4	95.9	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 507

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 733409 STATION NAME: RLYTLEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS (LST): 2100-2300

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	2.6	66.6	69.9	70.8	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 20000	2.6	72.0	76.0	76.9	76.9	79.3	79.6	79.7	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	2.6	72.1	76.1	77.0	79.4	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 16000	2.6	72.1	76.1	77.0	79.4	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	2.6	72.8	76.8	77.7	80.1	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	2.6	73.3	77.3	78.2	80.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	2.6	76.6	80.7	81.6	84.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 9000	2.6	76.9	81.0	81.9	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 8000	2.6	83.4	84.7	85.6	88.4	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 7000	2.6	80.7	84.9	85.6	88.7	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 6000	2.9	81.3	85.6	86.6	89.4	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	2.9	82.1	86.3	87.3	90.2	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	2.9	82.1	86.3	87.3	90.2	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	2.9	83.2	87.4	88.4	91.3	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	2.9	84.7	88.9	89.9	92.8	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	2.9	86.7	91.0	92.1	95.0	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	2.9	87.4	91.8	92.9	95.8	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	2.9	88.0	92.4	93.7	96.6	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	2.9	88.2	92.7	93.9	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1600	3.0	88.4	93.2	94.6	97.4	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1400	3.0	88.6	93.7	95.1	98.0	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	3.2	89.0	93.9	95.3	98.2	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	3.2	89.1	94.0	95.4	98.3	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	3.2	89.1	94.0	95.4	98.3	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.2	89.2	94.1	95.5	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723469 STATION NAME: HLYTHLVILL AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP HOURS(EST): ALL

CEILING IN FEET	GL 1	VISIBILITY IN STATUTE MILES														
		GL 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	1.4	56.4	60.3	62.7	65.5	66.2	66.9	67.3	67.4	67.6	67.7	67.7	67.7	67.7	67.8	67.8
GE 2000	1.4	62.7	67.1	69.8	72.7	73.4	74.2	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.2	75.2
GE 1800	1.4	62.5	67.3	69.9	72.9	73.6	74.3	74.8	74.9	75.1	75.2	75.2	75.2	75.3	75.3	75.4
GE 1600	1.4	62.5	67.3	70.0	72.9	73.6	74.4	74.9	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.5
GE 1400	1.4	63.4	67.5	70.4	73.4	74.1	74.8	75.4	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9
GE 1200	1.4	64.2	68.7	71.3	74.3	75.0	75.6	76.4	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9
GE 1000	1.5	68.0	72.6	75.4	78.6	79.4	80.2	80.8	80.8	81.0	81.1	81.2	81.2	81.3	81.3	81.3
GE 900	1.5	68.4	73.0	75.8	79.0	79.8	80.6	81.2	81.2	81.4	81.5	81.5	81.6	81.6	81.7	81.7
GE 800	1.5	71.3	76.0	78.9	82.2	83.0	83.8	84.5	84.5	84.8	84.9	84.9	84.9	85.0	85.0	85.0
GE 700	1.5	71.0	76.6	79.5	82.8	83.7	84.5	85.3	85.3	85.6	85.7	85.7	85.7	85.8	85.8	85.8
GE 600	1.5	72.3	77.1	80.1	83.5	84.3	85.2	85.9	86.0	86.3	86.4	86.4	86.4	86.5	86.5	86.6
GE 500	1.5	73.3	78.1	81.1	84.5	85.3	86.2	87.0	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.6
GE 400	1.5	73.6	78.4	81.5	84.9	85.7	86.6	87.4	87.5	87.7	87.8	87.8	87.9	87.9	87.9	88.0
GE 300	1.5	74.7	79.6	82.7	86.2	87.1	88.0	88.8	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.4
GE 250	1.5	75.9	81.0	84.1	87.6	88.6	89.5	90.3	90.4	90.7	90.8	90.8	90.8	90.9	90.9	90.9
GE 200	1.6	77.7	82.9	86.2	89.8	90.6	91.7	92.6	92.7	92.9	93.0	93.1	93.1	93.2	93.2	93.2
GE 180	1.6	78.2	83.5	86.6	90.5	91.5	92.4	93.3	93.4	93.7	93.8	93.8	93.8	93.9	93.9	94.0
GE 160	1.6	79.0	84.3	87.8	91.5	92.5	93.5	94.5	94.6	94.8	95.0	95.0	95.0	95.1	95.1	95.1
GE 140	1.6	79.1	84.4	87.9	91.7	92.7	93.7	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.3
GE 120	1.6	79.7	85.2	88.9	92.6	93.6	94.6	95.6	95.6	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 100	1.6	80.4	86.1	89.6	93.5	94.6	95.6	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5
GE 90	1.7	80.7	86.5	90.2	94.1	95.2	96.4	97.5	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.2
GE 80	1.7	80.8	86.7	90.5	94.4	95.5	96.8	97.9	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5
GE 70	1.7	80.9	86.7	90.7	94.5	95.7	97.0	98.1	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7
GE 60	1.7	80.9	86.8	90.8	94.7	95.9	97.3	98.4	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.1
GE 50	1.7	81.0	86.9	90.9	94.9	96.1	97.5	98.6	98.7	99.0	99.1	99.2	99.2	99.3	99.3	99.3
GE 40	1.7	81.0	86.9	90.9	94.9	96.2	97.6	98.7	98.8	99.1	99.3	99.3	99.3	99.4	99.4	99.5
GE 30	1.7	81.0	86.9	90.9	95.0	96.3	97.7	98.9	99.0	99.3	99.5	99.5	99.5	99.6	99.6	99.7
GE 20	1.7	81.0	86.9	90.9	95.0	96.3	97.8	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 10	1.7	81.0	86.9	90.9	95.0	96.3	97.8	99.0	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE	1.7	81.1	86.9	90.9	95.0	96.3	97.8	99.0	99.2	99.5	99.6	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY  
FROM FOURPLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: OCT FOURS(IST): 0000-0200

NO	CEIL	CEILING				VISIBILITY IN STATUTE MILES													
		IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GF 1	GF 1/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO	CEIL	1	3.2	59.7	61.4	61.9	62.7	62.8	62.9	62.9	62.9	63.0	63.1	63.1	63.5	63.5	63.7	63.8	
GE	20000	1	3.4	65.4	67.1	67.6	68.4	68.5	68.6	68.6	68.6	68.7	68.8	68.8	69.2	69.2	69.4	69.5	
GE	18000	1	3.4	65.4	67.1	67.6	68.4	68.5	68.6	68.6	68.6	68.7	68.8	68.8	69.2	69.2	69.4	69.5	
GE	16000	1	3.4	65.6	67.3	67.8	68.6	68.7	68.8	68.8	68.8	68.9	69.0	69.0	69.5	69.5	69.6	69.7	
GE	14000	1	3.4	65.6	67.3	67.8	68.6	68.7	68.8	68.8	68.8	68.9	69.0	69.0	69.5	69.5	69.6	69.7	
GE	12000	1	3.4	65.9	68.0	68.6	69.7	69.8	70.0	70.0	70.0	70.1	70.2	70.2	70.6	70.6	70.8	70.9	
GE	10000	1	3.7	69.7	71.5	72.7	73.5	73.7	73.9	73.9	73.9	74.0	74.1	74.1	74.5	74.5	74.6	74.7	
GE	9000	1	3.9	70.2	72.4	73.2	74.1	74.3	74.6	74.7	74.7	74.8	74.9	74.9	75.4	75.4	75.5	75.6	
GE	8000	1	4.0	72.8	75.1	75.9	76.8	77.0	77.3	77.4	77.4	77.5	77.6	77.6	78.1	78.1	78.2	78.3	
GE	7000	1	4.0	73.3	75.6	76.5	77.3	77.5	77.8	78.0	78.1	78.2	78.2	78.6	78.6	78.7	78.8	78.8	
GE	6000	1	4.0	74.4	76.7	77.5	78.4	78.6	78.9	79.0	79.0	79.1	79.2	79.2	79.7	79.7	79.8	79.9	
GE	5000	1	4.2	77.0	79.5	80.3	81.3	81.5	81.9	82.0	82.0	82.2	82.3	82.3	82.7	82.7	82.8	82.9	
GE	4000	1	4.2	74.2	82.3	81.8	83.1	83.4	83.9	84.0	84.0	84.1	84.2	84.2	84.6	84.6	84.7	84.8	
GE	4000	1	4.2	79.0	81.9	83.0	84.3	84.6	85.3	85.4	85.4	85.5	85.6	85.6	86.0	86.0	86.1	86.2	
GE	3000	1	4.2	83.3	83.3	84.4	85.7	86.0	86.7	86.8	86.8	86.9	87.0	87.0	87.4	87.4	87.5	87.6	
GE	3000	1	4.2	81.3	84.4	85.7	87.0	87.5	88.2	88.3	88.3	88.4	88.5	88.5	88.9	88.9	89.0	89.1	
GE	2500	1	4.2	82.6	86.1	87.5	89.0	89.4	90.0	90.1	90.1	90.2	90.3	90.3	90.8	90.8	90.9	91.0	
GF	2000	1	4.2	84.3	87.8	89.2	91.0	91.3	92.0	92.2	92.2	92.3	92.4	92.4	92.8	92.8	92.9	93.0	
GE	1800	1	4.2	84.0	88.3	89.7	91.4	91.7	92.5	92.6	92.6	92.7	92.8	92.8	93.2	93.2	93.3	93.4	
GE	1500	1	4.2	85.1	88.7	90.1	91.6	92.4	93.1	93.2	93.2	93.3	93.4	93.4	93.9	93.9	94.0	94.1	
GE	1000	1	4.2	85.4	89.2	90.6	92.0	93.1	93.9	94.1	94.1	94.2	94.3	94.3	94.7	94.7	94.8	94.9	
GE	1000	1	4.2	85.8	89.9	91.3	93.7	93.8	94.5	94.7	94.7	94.8	94.9	94.9	95.4	95.4	95.5	95.6	
GE	500	1	4.2	86.1	90.2	91.8	93.9	94.3	95.1	95.3	95.3	95.4	95.5	95.5	95.9	95.9	96.0	96.1	
GE	500	1	4.2	86.1	90.2	92.2	94.2	94.6	95.5	95.7	95.7	95.8	95.9	95.9	96.3	96.3	96.5	96.6	
GF	700	1	4.2	86.3	90.4	92.7	94.9	95.4	96.2	96.5	96.5	96.6	96.7	96.7	97.1	97.1	97.2	97.3	
GE	600	1	4.2	86.3	90.4	93.0	95.4	95.8	96.8	97.0	97.0	97.1	97.2	97.2	97.6	97.6	97.7	97.8	
GE	400	1	4.2	86.3	90.4	93.0	95.4	95.8	96.8	97.0	97.0	97.1	97.2	97.2	97.6	97.6	97.7	97.8	
GE	400	1	4.2	86.3	90.5	93.1	95.8	96.2	97.5	97.8	97.8	98.0	98.1	98.1	98.5	98.6	98.7	98.8	
GE	700	1	4.2	86.3	90.5	93.1	95.8	96.2	97.5	97.8	97.8	98.0	98.1	98.1	98.5	98.6	98.7	98.8	
GE	1000	1	4.2	86.3	90.5	93.1	95.8	96.3	97.8	98.3	98.4	98.7	98.8	98.8	99.2	99.4	99.5	99.6	
GE	1000	1	4.2	86.3	90.5	93.1	95.8	96.3	97.8	98.3	98.4	98.7	98.8	98.8	99.2	99.4	99.5	100.0	
GE	500	1	4.2	86.3	90.5	93.1	95.8	96.3	97.8	98.3	98.4	98.7	98.8	98.8	99.2	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723403 STATION NAME: FLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(IST): 0300-0500

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	1	2.7	57.3	59.1	62.3	61.4	61.7	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.9
GE 2000	1	2.7	61.4	63.4	64.6	65.8	66.1	66.6	66.7	66.8	66.8	66.8	66.8	66.8	67.1	67.3
GE 1800	1	2.7	61.4	63.4	64.6	65.8	66.1	66.6	66.7	66.8	66.8	66.8	66.8	66.8	67.1	67.3
GE 1600	1	2.7	61.4	63.4	64.6	65.8	66.1	66.6	66.7	66.8	66.8	66.8	66.8	66.8	67.1	67.3
GE 1400	1	2.7	61.5	63.5	64.7	65.9	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.2	67.4
GE 1200	1	2.9	61.9	64.4	65.6	67.1	67.4	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.4	68.6
GE 1000	1	2.2	64.7	67.3	68.5	70.0	70.4	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.5	71.7
GE 900	1	3.3	64.9	67.6	68.8	70.3	70.6	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.9	72.2
GE 800	1	2.2	67.6	70.5	71.8	73.4	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	75.1	75.3
GE 700	1	3.3	69.0	71.9	73.2	74.8	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.5	76.7
GE 600	1	3.3	69.4	72.5	73.8	75.4	75.9	76.3	76.6	76.7	76.7	76.7	76.7	76.7	77.0	77.2
GE 500	1	3.3	71.2	74.4	75.7	77.6	78.2	78.6	78.8	78.9	78.9	78.9	78.9	78.9	79.2	79.5
GE 400	1	3.3	72.0	75.6	76.9	78.9	79.5	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.5	80.8
GE 300	1	3.3	73.2	77.1	78.6	80.9	81.4	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.5	82.7
GE 200	1	3.3	75.1	79.0	80.5	82.9	83.4	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.5	84.7
GE 100	1	3.3	76.0	80.5	82.2	84.5	85.1	85.5	85.7	85.8	85.8	85.8	85.8	85.8	86.1	86.3
GE 2500	1	3.3	76.3	81.4	83.4	85.9	86.5	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.7	88.0
GE 2000	1	3.3	73.0	83.1	85.2	87.7	88.4	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.8	90.0
GE 1800	1	3.3	76.4	83.5	85.6	88.2	88.8	89.4	89.8	90.0	90.0	90.0	90.0	90.0	90.3	90.5
GE 1600	1	3.2	78.6	84.0	86.0	89.7	89.5	90.1	90.5	90.5	90.8	90.8	90.8	90.8	91.1	91.3
GE 1400	1	3.3	79.2	84.5	86.6	89.6	90.4	91.1	91.5	91.7	91.7	91.7	91.7	91.7	92.0	92.3
GE 1200	1	3.3	79.4	84.7	86.9	90.1	91.0	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.7	92.9
GE 1000	1	3.3	79.9	85.4	87.6	91.0	91.8	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.5	93.8
GE 900	1	3.3	80.2	85.7	88.3	91.9	92.6	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.5	94.8
GE 800	1	3.3	80.2	86.1	88.7	92.5	93.4	94.2	94.6	94.8	94.8	94.8	94.8	94.8	95.2	95.5
GE 700	1	3.3	80.3	86.2	88.8	92.6	93.7	95.1	95.5	95.7	95.7	95.7	95.7	95.7	96.0	96.6
GE 600	1	3.3	80.3	86.2	88.8	92.6	93.7	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.3	96.8
GE 500	1	3.3	80.3	86.5	89.0	93.0	94.1	96.0	96.6	96.8	96.8	96.8	96.8	96.8	97.0	97.7
GE 400	1	3.3	80.3	86.5	89.0	93.0	94.2	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.7	98.0
GE 300	1	3.3	80.3	86.5	89.0	93.0	94.2	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.7	98.0
GE 200	1	3.3	80.3	86.5	89.0	93.0	94.2	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.7	98.0
GE 100	1	3.3	80.3	86.5	89.0	93.0	94.2	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.7	98.0
GE 0	1	3.3	80.3	86.5	89.0	93.0	94.2	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.7	98.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: ELYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.5	42.8	46.9	49.7	51.8	52.3	52.9	54.0	54.2	54.3	54.6	54.6	55.2	55.2	55.4	55.5	
GE 20000	.6	46.7	50.8	54.1	56.7	57.2	57.8	58.9	59.2	59.4	59.8	59.8	60.2	60.8	60.8	61.0	60.6
GE 18000	.6	46.9	51.0	54.3	56.9	57.5	58.2	59.2	59.7	59.8	60.2	60.2	60.8	60.8	61.0	61.1	
GE 16000	.6	46.9	51.0	54.3	56.9	57.5	58.2	59.2	59.7	59.8	60.2	60.2	60.8	60.8	61.0	61.1	
GE 14000	.6	47.2	51.3	54.6	57.2	57.6	58.5	59.6	60.0	60.1	60.5	60.5	61.1	61.1	61.3	61.4	
GE 12000	.6	48.5	52.8	56.5	59.4	60.0	60.6	61.7	62.2	62.3	62.7	62.7	63.2	63.2	63.4	63.5	
GE 10000	.8	51.6	56.2	60.0	63.2	63.9	64.5	65.6	66.0	66.1	66.6	66.6	67.1	67.1	67.3	67.4	
GE 9000	.8	51.8	56.5	60.2	63.4	64.1	64.7	65.8	66.2	66.3	66.8	66.8	67.3	67.3	67.5	67.6	
GE 8000	.8	53.5	58.5	62.4	66.7	67.3	68.2	69.2	69.7	69.9	70.7	70.7	70.9	70.9	71.1	71.2	
GE 7000	.8	54.8	59.9	64.1	68.4	69.0	69.9	71.0	71.4	71.6	72.0	72.0	72.6	72.6	72.8	72.9	
GE 6000	.8	55.6	60.6	64.8	69.2	69.5	70.8	71.8	72.3	72.5	72.9	72.9	73.4	73.4	73.7	73.8	
GE 5000	.8	57.2	63.1	67.5	72.4	73.0	73.9	74.9	75.4	75.6	76.0	76.0	76.6	76.6	76.8	76.9	
GE 4500	.8	57.7	63.9	68.6	73.4	74.1	74.9	76.0	76.5	76.7	77.1	77.1	77.6	77.6	77.8	78.0	
GE 4000	.8	59.2	65.6	70.6	75.5	76.2	77.4	78.6	79.0	79.2	79.7	79.7	80.2	80.2	80.4	80.5	
GE 3500	.8	59.9	66.2	71.4	76.3	77.2	78.4	79.6	80.0	80.2	80.6	80.6	81.2	81.2	81.4	81.5	
GE 3000	.8	61.0	67.3	72.7	77.6	78.7	79.5	81.3	81.7	81.9	82.4	82.4	82.9	82.9	83.1	83.2	
GE 2500	.8	62.0	68.5	74.2	79.4	80.4	81.6	83.0	83.4	83.7	84.2	84.2	84.7	84.7	84.9	85.1	
GE 2000	.8	63.7	70.5	76.3	81.8	83.2	84.5	85.9	86.3	86.6	87.1	87.1	87.6	87.6	87.8	88.0	
GE 1800	.8	64.2	71.1	76.5	82.4	83.8	85.1	86.5	86.9	87.1	87.6	87.6	88.2	88.2	88.4	88.5	
GE 1600	.8	64.5	71.6	77.5	83.4	84.8	86.1	87.5	88.1	88.3	88.8	88.8	89.4	89.4	89.6	89.7	
GE 1400	.8	64.7	72.2	78.1	84.1	85.7	87.1	88.5	89.0	89.2	89.8	89.8	90.3	90.3	90.5	90.6	
GE 1200	.8	65.4	72.8	78.9	84.9	86.7	88.1	89.5	90.0	90.2	90.8	90.8	91.3	91.3	91.5	91.6	
GE 1000	.8	65.7	73.1	79.4	85.4	87.1	88.6	90.1	90.6	90.9	91.4	91.4	91.9	91.9	92.2	92.3	
GE 900	.8	66.1	73.7	80.2	86.2	88.0	89.6	91.1	91.6	91.8	92.5	92.5	93.2	93.2	93.4	93.5	
GE 800	.8	66.3	73.9	80.5	86.6	88.5	90.2	91.9	92.6	92.8	93.4	93.4	94.2	94.2	94.4	94.5	
GE 700	.8	66.3	73.9	80.6	87.0	89.1	91.0	92.8	93.4	93.7	94.7	94.7	95.1	95.1	95.3	95.4	
GE 600	.8	66.3	73.9	80.9	87.2	89.5	91.6	93.7	94.3	94.6	95.4	95.4	96.1	96.1	96.3	96.5	
GE 500	.8	66.3	74.2	81.3	87.6	89.9	92.0	94.7	95.5	95.9	96.7	96.7	97.4	97.4	97.6	97.7	
GE 400	.8	66.3	74.2	81.3	87.7	90.0	92.2	94.8	95.7	96.5	97.3	97.3	98.3	98.3	98.5	98.6	
GE 300	.8	66.3	74.2	81.3	87.7	90.0	92.2	95.2	96.0	96.8	97.6	97.6	98.8	98.8	99.1	99.4	
GE 200	.8	66.3	74.2	81.3	87.7	90.0	92.2	95.2	96.0	96.8	97.6	97.6	98.8	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: OCT FOLDS(LIST): 0900-1100

NO	CEILING FEET	VISIBILITY IN STATUTE MILES															
		GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
		1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
00	0000	1.0	59.5	59.9	54.0	54.7	54.5	54.8	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.3
01	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
02	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
03	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
04	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
05	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
06	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
07	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
08	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
09	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
10	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
11	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
12	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
13	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
14	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
15	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
16	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
17	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
18	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
19	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
20	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
21	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
22	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
23	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
24	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
25	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
26	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
27	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
28	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
29	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
30	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
31	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
32	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
33	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
34	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
35	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
36	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
37	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
38	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
39	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
40	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
41	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
42	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
43	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
44	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
45	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
46	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
47	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
48	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
49	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
50	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
51	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
52	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
53	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
54	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
55	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
56	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
57	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
58	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
59	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
60	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
61	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
62	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
63	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
64	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
65	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
66	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
67	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
68	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
69	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
70	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
71	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
72	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
73	0000	1.0	57.4	60.2	61.7	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.8
74	0000	1.0															

TOTAL NUMBER OF OBSERVATIONS: 92

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(EST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 1/8	GE 1/6	GE 1/5	GE 1/4	GE 3/8	GE 1/2	GE 2/3	GE 1/2	GE 1/4	GE 1/3	GE 1/4	GE 1/8	GE 1/2	GE 1/6	GE 1/4	GE 1/3
NO CLIC	1	2.3	54.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	1	2.3	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	1	2.3	63.7	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	1	2.3	63.7	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	1	2.3	63.9	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	1	2.3	65.6	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	1	2.3	68.6	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	1	2.3	69.0	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	1	2.3	70.6	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	1	2.3	71.7	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	1	2.3	72.0	74.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	1	2.3	74.1	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	1	2.3	74.4	76.7	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	1	2.3	77.3	79.6	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	1	2.3	78.6	81.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	1	2.3	81.7	84.4	85.3	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	1	2.3	83.1	85.9	87.0	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	1	2.3	84.9	88.0	89.1	90.0	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	1	2.3	85.3	88.4	89.6	90.4	90.4	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1600	1	2.3	85.9	89.0	90.3	91.4	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1400	1	2.3	87.0	91.0	92.7	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	1	2.3	88.4	92.0	94.3	95.2	95.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	1	2.3	88.7	92.9	95.1	96.6	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	1	2.3	89.0	93.0	95.3	97.1	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	1	2.3	89.4	93.9	96.1	98.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	1	2.3	90.0	94.1	96.3	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	1	2.3	90.0	94.2	96.6	98.7	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	1	2.3	90.0	94.3	96.7	98.7	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	1	2.3	90.0	94.3	96.7	98.7	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	1	2.3	90.0	94.3	96.7	98.7	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	1	2.3	90.0	94.3	96.7	98.7	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	1	2.3	90.0	94.3	96.7	98.7	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	1	2.3	90.0	94.3	96.7	98.7	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 920

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS/EST: 1500-1700

CEILING	VISIBILITY IN STATUTE MILES																	
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
GE	21000	2.4	54.7	65.4	65.6	65.9	66.4	66.9	67.4	67.9	68.4	68.9	69.4	69.9	70.4	70.9	71.4	71.9
GF	18000	2.4	53.4	64.1	64.3	64.6	65.1	65.6	66.1	66.6	67.1	67.6	68.1	68.6	69.1	69.6	70.1	70.6
GE	14000	2.4	52.1	62.8	63.0	63.3	63.8	64.3	64.8	65.3	65.8	66.3	66.8	67.3	67.8	68.3	68.8	69.3
GF	11000	2.4	50.8	61.5	61.7	62.0	62.5	63.0	63.5	64.0	64.5	65.0	65.5	66.0	66.5	67.0	67.5	68.0
GE	8000	2.4	49.5	60.2	60.4	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2	64.7	65.2	65.7	66.2	66.7
GF	5000	2.4	48.2	58.9	59.1	59.4	59.9	60.4	60.9	61.4	61.9	62.4	62.9	63.4	63.9	64.4	64.9	65.4
GE	2000	2.4	46.9	57.6	57.8	58.1	58.6	59.1	59.6	60.1	60.6	61.1	61.6	62.1	62.6	63.1	63.6	64.1
GF	9000	2.4	45.6	56.3	56.5	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8
GE	6000	2.4	44.3	55.0	55.2	55.5	56.0	56.5	57.0	57.5	58.0	58.5	59.0	59.5	60.0	60.5	61.0	61.5
GF	3000	2.4	43.0	53.7	53.9	54.2	54.7	55.2	55.7	56.2	56.7	57.2	57.7	58.2	58.7	59.2	59.7	60.2
GE	1000	2.4	41.7	52.4	52.6	52.9	53.4	53.9	54.4	54.9	55.4	55.9	56.4	56.9	57.4	57.9	58.4	58.9
GF	5000	2.4	40.4	51.1	51.3	51.6	52.1	52.6	53.1	53.6	54.1	54.6	55.1	55.6	56.1	56.6	57.1	57.6
GE	4000	2.4	39.1	50.8	51.0	51.3	51.8	52.3	52.8	53.3	53.8	54.3	54.8	55.3	55.8	56.3	56.8	57.3
GF	3000	2.4	37.8	50.5	50.7	51.0	51.5	52.0	52.5	53.0	53.5	54.0	54.5	55.0	55.5	56.0	56.5	57.0
GE	2000	2.4	36.5	50.2	50.4	50.7	51.2	51.7	52.2	52.7	53.2	53.7	54.2	54.7	55.2	55.7	56.2	56.7
GF	1000	2.4	35.2	49.9	50.1	50.4	50.9	51.4	51.9	52.4	52.9	53.4	53.9	54.4	54.9	55.4	55.9	56.4
GE	1000	2.4	33.9	49.6	49.8	50.1	50.6	51.1	51.6	52.1	52.6	53.1	53.6	54.1	54.6	55.1	55.6	56.1
GF	500	2.4	32.6	49.3	49.5	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8	54.3	54.8	55.3	55.8
GE	500	2.4	31.3	49.0	49.2	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5	54.0	54.5	55.0	55.5
GF	200	2.4	30.0	48.7	48.9	49.2	49.7	50.2	50.7	51.2	51.7	52.2	52.7	53.2	53.7	54.2	54.7	55.2
GE	200	2.4	28.7	48.4	48.6	48.9	49.4	49.9	50.4	50.9	51.4	51.9	52.4	52.9	53.4	53.9	54.4	54.9
GF	100	2.4	27.4	48.1	48.3	48.6	49.1	49.6	50.1	50.6	51.1	51.6	52.1	52.6	53.1	53.6	54.1	54.6
GE	100	2.4	26.1	47.8	48.0	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8	54.3
GF	50	2.4	24.8	47.5	47.7	48.0	48.5	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5	54.0
GE	50	2.4	23.5	47.2	47.4	47.7	48.2	48.7	49.2	49.7	50.2	50.7	51.2	51.7	52.2	52.7	53.2	53.7
GF	25	2.4	22.2	46.9	47.1	47.4	47.9	48.4	48.9	49.4	49.9	50.4	50.9	51.4	51.9	52.4	52.9	53.4
GE	25	2.4	20.9	46.6	46.8	47.1	47.6	48.1	48.6	49.1	49.6	50.1	50.6	51.1	51.6	52.1	52.6	53.1
GF	10	2.4	19.6	46.3	46.5	46.8	47.3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8
GE	10	2.4	18.3	46.0	46.2	46.5	47.0	47.5	48.0	48.5	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.5
GF	5	2.4	17.0	45.7	45.9	46.2	46.7	47.2	47.7	48.2	48.7	49.2	49.7	50.2	50.7	51.2	51.7	52.2
GE	5	2.4	15.7	45.4	45.6	45.9	46.4	46.9	47.4	47.9	48.4	48.9	49.4	49.9	50.4	50.9	51.4	51.9
GF	2	2.4	14.4	45.1	45.3	45.6	46.1	46.6	47.1	47.6	48.1	48.6	49.1	49.6	50.1	50.6	51.1	51.6
GE	2	2.4	13.1	44.8	45.0	45.3	45.8	46.3	46.8	47.3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3
GF	1	2.4	11.8	44.5	44.7	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0	49.5	50.0	50.5	51.0
GE	1	2.4	10.5	44.2	44.4	44.7	45.2	45.7	46.2	46.7	47.2	47.7	48.2	48.7	49.2	49.7	50.2	50.7
GF	0	2.4	9.2	43.9	44.1	44.4	44.9	45.4	45.9	46.4	46.9	47.4	47.9	48.4	48.9	49.4	49.9	50.4
GE	0	2.4	7.9	43.6	43.8	44.1	44.6	45.1	45.6	46.1	46.6	47.1	47.6	48.1	48.6	49.1	49.6	50.1
GF	0	2.4	6.6	43.3	43.5	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47.3	47.8	48.3	48.8	49.3	49.8
GE	0	2.4	5.3	43.0	43.2	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0	49.5
GF	0	2.4	4.0	42.7	42.9	43.2	43.7	44.2	44.7	45.2	45.7	46.2	46.7	47.2	47.7	48.2	48.7	49.2
GE	0	2.4	2.7	42.4	42.6	42.9	43.4	43.9	44.4	44.9	45.4	45.9	46.4	46.9	47.4	47.9	48.4	48.9
GF	0	2.4	1.4	42.1	42.3	42.6	43.1	43.6	44.1	44.6	45.1	45.6	46.1	46.6	47.1	47.6	48.1	48.6
GE	0	2.4	0.1	41.8	42.0	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47.3	47.8	48.3
GF	0	2.4	0.0	41.5	41.7	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5	48.0
GE	0	2.4	0.0	41.2	41.4	41.7	42.2	42.7	43.2	43.7	44.2	44.7	45.2	45.7	46.2	46.7	47.2	47.7
GF	0	2.4	0.0	40.9	41.1	41.4	41.9	42.4	42.9	43.4	43.9	44.4	44.9	45.4	45.9	46.4	46.9	47.4
GE	0	2.4	0.0	40.6	40.8	41.1	41.6	42.1	42.6	43.1	43.6	44.1	44.6	45.1	45.6	46.1	46.6	47.1
GF	0	2.4	0.0	40.3	40.5	40.8	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8
GE	0	2.4	0.0	40.0	40.2	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5
GF	0	2.4	0.0	39.7	39.9	40.2	40.7	41.2	41.7	42.2	42.7	43.2	43.7	44.2	44.7	45.2	45.7	46.2
GE	0	2.4	0.0	39.4	39.6	39.9	40.4	40.9	41.4	41.9	42.4	42.9	43.4	43.9	44.4	44.9	45.4	45.9
GF	0	2.4	0.0	39.1	39.3	39.6	40.1	40.6	41.1	41.6	42.1	42.6	43.1	43.6	44.1	44.6	45.1	45.6
GE	0	2.4	0.0	38.8	39.0	39.3	39.8	40.3	40.8	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3
GF	0	2.4	0.0	38.5	38.7	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0
GE	0	2.4	0.0	38.2	38.4	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.7	43.2	43.7	44.2	44.7
GF	0	2.4	0.0	37.9	38.1	38.4	38.9	39.4	39.9	40.4	40.9	41.4	41.9	42.4	42.9	43.4	43.9	44.4
GE	0	2.4	0.0	37.6	37.8	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6	42.1	42.6	43.1	43.6	44.1
GF	0	2.4	0.0	37.3	37.5	37.8	38.3	38.8	39.3	39.8	40.3	40.8	41.3	41.8	42.3	42.8	43.3	43.8
GE	0	2.4	0.0	37.0	37.2	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5
GF	0	2.4	0.0	36.7	36.9	37.2	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.7	43.2
GE	0	2.4	0.0	36.4	36.6	36.9	37.4	37.9	38.4	38.9	39.4	39.9	40.4	40.9	41.4	41.9	42.4	42.9
GF	0	2.4	0.0	36.1	36.3	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6	42.1	42.6
GE	0	2.4	0.0	35.8	36.0	36.3	36.8	37.3	37.8	38.3	38.8	39.3	39.8	40.3	40.8	41.3	41.8	42.3
GF	0	2.4	0.0	35.5	35.7	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0
GE	0	2.4	0.0	35.2	35.4	35.7	36.2	36.7	37.2	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.7
GF	0	2.4	0.0	34.9	35.1	35.4	35.9	36.4	36.9	37.4	37.9	38.4	38.9	39.4	39.9	40.4	40.9	41.4
GE	0	2.4	0.0	34.6	34.8	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1
GF	0	2.4	0.0	34.3	34.5	34.8	35.3	35.8	36.3	36.8	37.3	37.8	38.3	38.8	39.3	39.8	40.3	40.8
GE	0	2.4	0.0	34.0	34.2	34.5	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
GF	0	2.4	0.0	33.7	33.9	34.2	34.7	35.2	35.7	36.2	36.7	37.2	37.7	38.2	38.7	39.2	39.7	40.2
GE	0	2.4	0.0	33.4	33.6	33.9	34.4	34.9	35.4	35.9	36.4	36.9	37.4	37.9	38.4	38.9		

TOTAL NUMBER OF OBSERVATIONS: 232

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(EST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FEET	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO CEIL	1	5.5	61.5	67.3	62.4	62.9	62.8	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 10000	2.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 18000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 16000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 14000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 12000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 10000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 9000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 8000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 7000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 6000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 5000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 4000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 3000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 2000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 1000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 0	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 10000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 18000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 16000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 14000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 12000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 10000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 9000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 8000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 7000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 6000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 5000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 4000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 3000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 2000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 1000	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
GE 0	3.5	67.7	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4

TOTAL NUMBER OF OBSERVATIONS: 930



PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM POOLRY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: OCT HOURS(LST): 2100-2300

CEILING			VISIBILITY IN STATUTE MILES													
IN FEET	1	50	GF 6	GF 5	GF 4	GF 3	GF 2	GF 1 1/2	GF 1 1/4	GF 1	GF 3/4	GF 5/8	GF 1/2	GF 5/16	GF 1/4	GF 0
NO CEIL	1	75.7	67.6	61.6	62.3	62.8	62.9	63.0	63.0	63.0	63.0	67.0	63.0	63.0	63.0	63.0
CE 20000	1.9	67.4	68.7	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
CE 19000	2.9	67.4	68.7	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
CE 18000	3.6	67.4	68.7	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
CE 14000	3.9	68.5	69.4	70.0	70.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
CE 12000	3.9	69.7	71.2	71.0	72.7	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
CE 10000	3.9	73.9	75.4	76.2	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
CE 9000	3.9	74.3	75.8	76.7	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
CE 8000	3.9	76.0	78.0	79.0	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
CE 7000	4.0	76.9	79.9	79.9	80.9	81.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
CE 6000	4.0	77.8	79.8	80.9	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
CE 5000	4.0	80.9	83.0	84.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
CE 4000	4.0	81.5	83.5	84.6	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
CE 3000	4.0	82.2	84.4	85.5	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
CE 2000	4.0	83.2	85.7	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
CE 1000	4.0	84.2	86.7	87.8	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
CE 7500	4.0	86.7	89.4	90.5	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
CE 7000	4.0	88.2	90.9	92.0	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
CE 6000	4.0	88.2	91.1	92.3	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
CE 5000	4.0	89.1	92.0	93.3	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
CE 4000	4.0	89.4	92.4	93.5	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
CE 3000	4.0	89.7	92.7	94.0	95.8	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
CE 2000	4.0	89.8	92.8	94.1	95.9	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
CE 1000	4.0	90.1	93.2	94.5	96.3	96.6	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
CE 7500	4.0	90.6	93.9	95.2	97.1	97.4	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 2000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 1000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7500	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 2000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 1000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7500	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 2000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 1000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7500	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 2000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 1000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7500	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 2000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 1000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7500	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 2000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 1000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7500	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 7000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 6000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 5000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 4000	4.0	90.6	93.9	95.4	97.4	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
CE 3000	4.0	90.6														

TOTAL NUMBER OF OBSERVATIONS: 232

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 70340 STATION NAME: RHYTHVILLE AFB AR

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	2.4	55.3	57.0	57.9	58.6	58.7	59.9	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.4
GE 7000	1	2.4	61.5	63.7	64.7	65.4	65.6	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.4
GE 1800	1	2.4	61.5	63.7	64.8	65.6	65.6	65.9	66.0	66.1	66.2	66.2	66.2	66.4	66.4	66.5
GE 1000	1	2.4	61.5	63.9	64.8	65.6	65.6	65.9	66.1	66.2	66.2	66.3	66.3	66.4	66.5	66.6
GE 1400	1	2.4	62.3	64.2	65.2	66.0	66.2	66.4	66.5	66.6	66.6	66.7	66.7	66.8	66.9	67.0
GE 1200	1	2.4	63.7	65.9	67.1	68.0	68.2	68.3	68.5	68.6	68.6	68.7	68.7	68.9	68.9	69.0
GE 1000	1	2.4	67.1	69.5	70.7	71.6	71.8	72.0	72.2	72.2	72.3	72.3	72.3	72.5	72.6	72.6
GE 900	1	2.4	67.5	69.7	71.0	72.0	72.2	72.4	72.6	72.7	72.7	72.7	72.7	72.9	73.0	73.1
GE 800	1	2.4	69.6	72.2	73.5	74.7	74.9	75.1	75.3	75.4	75.4	75.5	75.5	75.6	75.7	75.8
GE 700	1	2.4	70.7	73.3	74.7	75.9	76.1	76.3	76.5	76.5	76.6	76.7	76.7	76.8	76.9	77.0
GE 600	1	2.4	71.3	74.1	75.5	76.7	76.9	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.7	77.8
GE 500	1	2.4	73.5	76.5	77.9	79.2	79.4	79.7	79.9	79.9	80.0	80.1	80.1	80.2	80.3	80.3
GE 450	1	2.4	74.0	77.1	78.6	80.0	80.2	80.5	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.1
GE 400	1	2.4	75.4	79.7	80.3	81.7	81.9	82.3	82.5	82.5	82.6	82.6	82.6	82.8	82.9	82.9
GE 350	1	2.4	76.6	80.1	81.0	82.7	83.0	84.0	84.2	84.2	84.3	84.4	84.4	84.5	84.6	84.7
GE 300	1	2.4	78.3	82.2	83.9	85.6	85.9	86.3	86.5	86.6	86.7	86.7	86.7	86.9	86.9	87.0
GE 250	1	2.4	79.8	83.7	85.6	87.7	88.0	89.4	89.7	89.8	89.8	89.9	89.9	90.0	90.1	90.2
GE 200	1	2.4	81.7	85.4	87.6	89.7	90.1	90.6	90.9	91.0	91.0	91.1	91.1	91.3	91.3	91.4
GE 180	1	2.4	81.6	85.7	87.9	89.0	90.4	90.6	91.2	91.3	91.4	91.4	91.4	91.6	91.6	91.7
GE 160	1	2.4	82.2	86.5	88.7	91.0	91.5	92.0	92.3	92.5	92.6	92.6	92.6	92.8	92.8	92.9
GE 140	1	2.4	82.8	87.0	89.6	92.0	92.5	93.1	93.4	93.5	93.6	93.7	93.7	93.9	93.9	94.0
GE 1000	1	2.4	83.2	87.8	90.3	92.8	93.4	94.0	94.4	94.5	94.6	94.7	94.7	94.9	94.9	95.0
GE 800	1	2.4	83.7	88.2	90.8	93.4	94.0	94.6	95.0	95.1	95.1	95.1	95.1	95.3	95.3	95.4
GE 600	1	2.4	83.9	88.7	91.4	94.1	94.6	95.4	95.8	95.9	96.1	96.1	96.2	96.4	96.4	96.5
GE 400	1	2.4	84.2	89.1	91.6	94.6	95.3	96.1	96.6	96.7	96.8	96.8	96.9	97.0	97.2	97.3
GE 200	1	2.4	84.3	89.2	92.0	95.0	95.7	96.7	97.2	97.2	97.4	97.5	97.6	97.6	97.8	97.9
GE 100	1	2.4	84.2	89.2	92.2	95.1	95.9	97.1	97.6	97.7	97.9	98.0	98.0	98.2	98.3	98.4
GE 80	1	2.4	84.3	89.4	92.3	95.4	96.2	97.4	97.9	98.1	98.2	98.3	98.3	98.6	98.6	98.7
GE 60	1	2.4	84.3	89.4	92.3	95.4	96.3	97.6	98.1	98.3	98.4	98.5	98.5	98.8	98.8	98.9
GE 40	1	2.4	84.3	89.4	92.3	95.4	96.3	97.6	98.1	98.3	98.4	98.5	98.5	98.8	98.8	98.9
GE 20	1	2.4	84.3	89.4	92.3	95.4	96.3	97.6	98.1	98.3	98.4	98.5	98.5	98.8	98.8	98.9
GE 10	1	2.4	84.3	89.4	92.3	95.4	96.3	97.6	98.1	98.3	98.4	98.5	98.5	98.8	98.8	98.9
GE	1	2.4	84.3	89.4	92.3	95.4	96.3	97.6	98.1	98.3	98.4	98.5	98.5	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS: 7040

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: FLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-81  
MONTH: NOV HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	2.0	46.6	47.7	48.3	49.4	49.6	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.1	50.2
GE 2000	2.3	50.1	51.1	52.0	53.1	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 1800	2.3	50.1	51.1	52.0	53.1	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 1600	2.3	50.4	51.7	52.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 1400	2.3	50.7	51.9	52.6	53.7	53.8	54.0	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1200	2.3	51.3	52.6	53.2	54.3	54.4	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1000	2.3	52.8	54.0	54.7	55.9	56.0	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 900	2.3	53.1	54.3	55.0	56.2	56.3	56.6	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 800	2.6	55.4	56.8	57.4	58.7	58.8	59.0	59.7	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1
GE 700	2.7	56.7	58.0	58.7	60.0	60.1	60.7	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 600	2.6	57.1	58.4	59.2	60.7	60.8	61.1	61.4	61.4	61.8	62.1	62.1	62.1	62.1	62.1	62.1
GE 500	2.9	58.9	60.8	62.0	63.9	64.2	64.6	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 400	2.9	61.0	62.9	64.3	66.7	66.4	67.2	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 300	2.9	62.6	64.7	66.4	68.0	68.4	69.0	69.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 200	2.9	64.3	66.4	68.0	69.6	70.2	71.0	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 100	3.0	68.1	70.5	72.7	74.7	75.2	76.0	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	3.1	69.6	72.6	74.6	76.9	77.3	78.1	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	3.1	71.6	74.6	77.0	80.0	80.8	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	3.1	72.0	75.0	77.4	80.4	81.2	82.2	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1600	3.1	72.6	75.9	78.4	81.9	82.7	84.0	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1400	3.1	74.0	77.2	79.6	83.3	84.1	85.7	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	3.1	75.3	79.0	81.6	85.1	85.9	87.7	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	3.1	76.0	79.9	82.9	86.9	87.7	89.4	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	3.1	76.1	80.1	83.1	87.1	87.9	89.7	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	3.1	76.8	81.2	84.6	88.7	89.4	91.4	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	3.1	77.1	81.6	85.2	89.4	90.2	92.2	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	3.1	77.3	82.1	85.7	90.1	90.9	93.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	3.1	77.7	82.6	86.1	90.7	91.4	93.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	3.1	77.7	82.6	86.1	90.7	91.6	94.1	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	3.1	77.7	82.6	86.1	90.7	91.6	94.1	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 200	3.1	77.7	82.6	86.1	90.7	91.6	94.1	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	3.1	77.7	82.6	86.1	90.7	91.6	94.1	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	1	3.1	77.7	82.6	86.1	90.7	91.6	94.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340R STATION NAME: PLYMOUTHVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	1.7	45.7	46.4	47.1	47.1	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.1
GE 2000	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 1800	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 1600	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 1400	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 1200	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 1000	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 800	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 600	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 400	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 200	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 100	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 50	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 25	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 10	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 5	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 2	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 1	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
GE 0	1.9	48.7	49.9	50.7	50.7	51.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 773403 STATION NAME: RHYTHEVILLE AFH AR

PERIOD OF RECORD: 77-84  
MONTH: NOV FOUR (LAST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																	
IN FEET	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO CEIL	1	0.6	77.4	47.7	43.2	44.0	44.7	45.1	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000	1	0.6	42.2	45.6	48.1	49.4	50.2	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6
GE 18000	1	0.6	42.3	45.7	48.2	49.6	50.3	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
GE 16000	1	0.6	42.3	45.7	48.2	49.6	50.3	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
GE 14000	1	0.6	43.0	46.4	49.0	50.3	51.1	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
GE 12000	1	0.6	43.8	47.3	49.9	51.2	52.0	52.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
GE 10000	1	0.6	45.7	49.2	51.9	53.4	54.2	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6
GE 9000	1	0.6	45.7	49.2	51.9	53.4	54.2	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6
GE 8000	1	0.6	47.4	51.0	53.8	55.4	56.2	56.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
GE 7000	1	0.6	48.6	52.2	55.1	56.8	57.6	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1
GE 6000	1	0.6	49.4	53.2	56.2	57.9	58.7	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3
GE 5000	1	0.6	52.0	56.2	59.3	61.2	62.1	62.8	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 4000	1	0.6	52.7	56.9	60.0	62.0	62.9	63.5	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6
GE 3000	1	0.6	53.7	58.1	61.1	63.4	64.4	65.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1
GE 2000	1	0.6	55.1	59.6	62.7	65.0	66.0	67.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7	68.7	68.7	68.7
GE 1000	1	0.6	57.1	61.7	65.1	67.9	68.9	70.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6
GE 800	1	0.6	59.3	64.1	67.7	70.6	71.6	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.4
GE 700	1	0.6	61.0	66.0	70.3	73.2	74.4	75.6	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4
GE 600	1	0.6	61.5	66.9	71.8	75.8	76.9	78.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1
GE 500	1	0.6	63.2	68.7	72.6	75.6	76.7	78.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.2	80.2	80.2	80.2
GE 400	1	0.6	64.9	70.7	74.8	77.9	79.1	81.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.1	83.1	83.1	83.1
GE 300	1	0.6	66.1	72.1	76.2	79.3	80.6	82.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6	84.6	84.6
GE 200	1	0.6	67.1	73.5	78.0	81.7	83.3	85.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0
GE 100	1	0.6	67.2	73.4	78.2	82.1	83.8	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	88.6
GE 50	1	0.6	67.7	74.4	79.1	83.0	84.7	87.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4
GE 20	1	0.6	67.9	75.3	79.8	84.3	86.1	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6
GE 10	1	0.6	68.2	75.6	80.6	85.6	87.3	89.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.0	93.0	93.0	93.0
GE 5	1	0.6	68.2	75.6	80.7	85.7	87.4	90.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.2	93.2
GE 2	1	0.6	68.2	75.6	80.7	85.7	87.4	90.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.2	93.2
GE 1	1	0.6	68.2	75.6	80.7	85.7	87.4	90.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.2	93.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: PLYMOUTH AFB AL

PERIOD OF RECORD: 77-81  
MONTH: NOV HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEILING	7	78.7	40.9	41.9	40.7	41.7	40.8	42.8	40.9	42.8	40.9	42.8	40.9	42.8	40.9	42.8
GE 1000	9	44.7	47.3	49.1	57.1	50.2	57.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 1500	9	44.7	47.6	49.0	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 2000	9	44.7	47.6	49.0	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 2500	9	45.1	48.1	50.1	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 3000	9	45.7	48.8	50.8	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 3500	9	48.6	51.7	53.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 4000	9	49.0	52.1	54.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4500	9	50.9	54.1	56.1	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 5000	9	52.1	55.4	57.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5500	9	52.9	56.3	58.4	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	9	55.0	58.7	60.9	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 6500	9	55.3	59.0	61.2	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	9	56.9	60.7	63.1	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7500	9	58.2	62.0	64.4	66.1	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000	9	58.4	64.3	67.1	69.2	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8500	9	62.4	66.7	69.4	71.5	72.3	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	10.1	64.2	68.7	71.6	74.0	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9500	10.1	64.7	69.1	72.0	74.4	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 10000	10.2	66.7	71.2	74.1	76.6	77.3	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 11000	10.2	66.9	73.7	76.8	79.7	80.4	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 12000	10.2	71.1	76.1	80.0	83.9	84.7	85.7	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 13000	10.2	71.3	76.9	80.9	85.3	86.4	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 14000	10.2	71.6	77.3	81.6	86.0	87.4	88.7	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 15000	10.2	71.8	77.8	82.3	87.3	88.9	90.4	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 16000	10.2	72.3	78.0	83.1	88.7	90.3	91.5	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 17000	10.2	72.4	78.7	83.3	89.8	91.5	92.4	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 18000	10.2	72.7	79.9	83.6	90.7	92.4	93.4	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 19000	10.2	72.7	78.9	83.6	90.7	92.4	93.4	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 20000	10.2	72.7	78.9	83.6	90.7	92.4	93.4	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS: 500

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(EST): 1200-1400

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 703408 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV HOURS(EST): 1500-1700

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES																			
		GE	GF	GF	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	9
NO CEIL	1	4.9	43.4	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2000	1.0	50.9	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GF 2000	1.2	50.9	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GF 1800	1.2	50.9	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 1600	1.2	51.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GF 1600	1.2	52.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1400	1.2	55.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GF 1400	1.2	55.2	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 1200	1.2	58.3	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GF 1200	1.2	59.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1000	1.2	60.6	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GF 1000	1.3	62.4	64.6	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 800	1.3	63.1	65.2	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GF 800	1.3	64.9	67.5	67.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 600	1.3	65.3	67.9	68.5	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GF 600	1.3	69.3	71.2	72.2	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 400	1.6	72.2	74.9	76.0	76.9	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GF 400	1.6	74.0	76.7	77.9	78.9	79.9	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 200	1.6	74.8	77.6	79.0	80.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GF 200	1.6	76.7	79.9	81.4	82.7	83.7	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 100	1.6	77.3	81.4	83.2	84.4	85.6	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GF 100	1.6	78.6	83.2	85.7	87.3	88.6	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 50	1.6	79.2	84.1	86.9	88.6	89.9	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GF 50	1.6	79.4	84.9	87.8	89.6	90.9	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 25	1.6	79.6	85.2	88.6	90.4	91.6	92.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GF 25	1.6	79.3	85.6	88.9	91.0	92.3	93.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 10	1.6	79.5	85.7	89.1	91.3	93.0	94.4	96.0	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GF 10	1.6	80.0	85.8	89.2	91.6	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 5	1.6	80.0	85.8	89.2	91.6	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GF 5	1.6	80.0	85.8	89.2	91.6	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1	1.6	80.0	85.8	89.2	91.6	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GF 1	1.6	80.0	85.8	89.2	91.6	93.0	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS: 900



CLIMATOLGY BRANCH  
OSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 703408 STATION NAME: ELYTREVILLE AFB AR

PERIOD OF RECORD: 77-84  
MONTH: NOV FOURSELETT: 1900-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF	GE	GF
	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1
NO CEILING	0.2	46.9	47.9	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
FE 1000	0.4	51.4	52.4	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
FE 1800	0.4	51.4	52.4	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
FE 1600	0.4	51.4	52.4	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
FE 1400	0.4	52.7	53.7	54.9	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
FE 1200	0.4	55.9	57.3	57.8	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
FE 800	0.4	55.9	57.3	57.8	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
FE 600	0.4	57.7	59.6	60.0	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
FE 400	0.4	59.7	60.7	61.6	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
FE 200	0.4	59.8	62.1	63.4	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
FE 100	0.7	62.7	65.1	66.4	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
FE 50	0.7	64.3	66.9	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
FE 40	0.7	65.6	68.6	70.3	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
FE 30	0.7	66.3	69.1	70.9	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
FE 20	0.7	69.7	71.0	75.0	75.3	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
FE 15	0.1	72.0	76.7	78.4	78.9	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
FE 12	0.1	73.6	77.6	80.0	80.6	81.1	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
FE 10	0.1	74.3	78.3	80.9	81.6	82.2	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
FE 8	0.1	75.6	80.0	82.6	83.4	84.2	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
FE 6	0.1	77.3	82.3	85.0	86.0	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
FE 4	0.1	79.0	84.1	87.6	88.4	89.2	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
FE 3	0.1	79.6	85.1	88.0	89.3	90.1	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
FE 2	0.1	80.0	85.6	88.7	90.0	90.8	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
FE 1	0.1	80.0	85.7	89.0	90.9	91.8	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
FE 0	0.1	80.3	86.1	89.4	91.7	92.2	93.1	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
FE 0.5	0.1	80.7	86.3	89.6	92.7	93.1	94.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
FE 0.2	0.1	81.2	86.9	90.6	93.0	93.9	95.0	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
FE 0.1	0.1	81.2	87.0	90.9	93.4	94.4	96.2	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
FE 0.05	0.1	81.2	87.0	90.9	93.4	94.4	96.2	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
FE 0.02	0.1	81.2	87.0	90.9	93.4	94.4	96.2	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
FE 0.01	0.1	81.2	87.0	90.9	93.4	94.4	96.2	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 50

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723408 STATION NAME: ELYTREVILLE AFB AR

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(EST): 2100-2300

CEILING			VISIBILITY IN STATUTE MILES																	
IN FEET	1 1/2	GE 1/2	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	1	2.8	47.0	49.1	49.6	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1			
GE 20000	2.9	51.2	53.2	53.6	54.7	54.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7			
GE 18000	2.9	51.3	53.4	53.9	54.1	54.1	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8			
GE 16000	2.9	51.3	53.4	53.9	54.1	54.1	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8			
GE 14000	2.9	51.4	54.0	54.4	54.7	54.6	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4			
GE 12000	2.9	52.1	54.0	54.7	54.9	55.0	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7			
GE 10000	2.9	54.4	56.6	57.0	57.2	57.3	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1			
GE 8000	2.9	54.4	56.6	57.0	57.2	57.3	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1			
GE 6000	2.9	56.4	58.6	59.1	59.3	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1			
GE 4000	2.9	56.9	59.1	59.8	60.0	60.1	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8			
GE 2000	2.9	57.4	59.8	60.9	61.1	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9			
GE 1000	3.2	61.3	63.7	65.2	65.6	65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3			
GE 800	3.2	63.1	65.6	67.2	67.6	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3			
GE 600	3.2	65.8	68.2	70.8	71.2	71.3	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0			
GE 400	3.2	66.3	69.8	71.7	72.1	72.2	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0			
GE 200	3.6	69.9	73.9	75.9	76.7	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8			
GE 100	3.6	72.7	77.1	79.3	80.7	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4			
GE 80	3.6	74.3	78.9	81.2	82.9	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0			
GE 60	3.6	74.7	79.2	81.6	83.1	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3			
GE 40	3.6	75.3	80.1	82.7	84.4	84.9	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8			
GE 20	3.6	76.6	81.4	84.4	86.4	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8			
GE 10	3.6	79.1	83.4	86.6	88.8	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1			
GE 8	3.6	79.4	84.9	88.1	90.6	91.0	92.0	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6			
GE 6	3.6	79.9	85.4	88.7	91.2	91.7	92.8	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4			
GE 4	3.6	79.9	85.7	89.1	91.9	92.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6			
GE 2	3.6	80.2	86.0	89.6	92.3	93.1	94.2	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3			
GE 1	3.6	80.4	86.2	89.9	92.7	93.4	94.9	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1			
GE 0	3.6	80.7	86.4	90.6	93.4	94.2	95.7	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4			
GE 0	3.6	80.8	86.6	90.7	93.7	94.6	96.3	97.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3			
GE 0	3.6	80.8	86.6	90.7	93.7	94.6	96.3	97.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3			
GE 0	3.6	80.8	86.6	90.7	93.7	94.6	96.3	97.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3			

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AFM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723001 STATION NAME: RHYTHMVILLE AFB AR

PERIOD OF RECORD: 77-84

MONTH: NOV FOLDS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
NO CEIL	1	1.5	43.4	45.0	45.7	46.1	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.7
GE 0000	1.7	49.6	50.3	51.2	51.7	51.8	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.5
GE 0000	1.7	49.6	50.4	51.3	51.8	51.9	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.6	52.7
GE 0000	1.7	48.7	50.5	51.4	51.9	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.7
GE 0000	1.7	49.2	51.1	52.0	52.5	52.7	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.3	53.3	53.4
GE 0000	1.7	49.9	51.9	52.8	53.3	53.5	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.2
GE 0000	1.7	50.1	52.1	53.1	53.6	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.5	54.5	54.6
GE 0000	1.7	50.3	52.3	53.3	53.8	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.7	54.7	54.8
GE 0000	1.9	50.5	52.5	53.5	54.0	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9	54.9	55.0
GE 0000	1.9	50.6	52.6	53.6	54.1	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.0	55.0	55.1
GE 0000	1.9	50.7	52.7	53.7	54.2	54.4	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.1	55.1	55.2
GE 0000	1.9	50.8	52.8	53.8	54.3	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.2	55.2	55.3
GE 0000	1.9	50.9	52.9	53.9	54.4	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.3	55.3	55.4
GE 0000	1.9	51.0	53.0	54.0	54.5	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.5
GE 0000	1.9	51.1	53.1	54.1	54.6	54.8	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.5	55.5	55.6
GE 0000	1.9	51.2	53.2	54.2	54.7	54.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.6	55.6	55.7
GE 0000	1.9	51.3	53.3	54.3	54.8	55.0	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.7	55.7	55.8
GE 0000	1.9	51.4	53.4	54.4	54.9	55.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.8	55.8	55.9
GE 0000	1.9	51.5	53.5	54.5	55.0	55.2	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.9	55.9	56.0
GE 0000	1.9	51.6	53.6	54.6	55.1	55.3	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.0	56.1
GE 0000	1.9	51.7	53.7	54.7	55.2	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.1	56.1	56.2
GE 0000	1.9	51.8	53.8	54.8	55.3	55.5	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.3
GE 0000	1.9	51.9	53.9	54.9	55.4	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.4
GE 0000	1.9	52.0	54.0	55.0	55.5	55.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.4	56.4	56.5
GE 0000	1.9	52.1	54.1	55.1	55.6	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5	56.5	56.6
GE 0000	1.9	52.2	54.2	55.2	55.7	55.9	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.6	56.6	56.7
GE 0000	1.9	52.3	54.3	55.3	55.8	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7	56.7	56.8
GE 0000	1.9	52.4	54.4	55.4	55.9	56.1	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.8	56.9
GE 0000	1.9	52.5	54.5	55.5	56.0	56.2	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.9	56.9	57.0
GE 0000	1.9	52.6	54.6	55.6	56.1	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0	57.0	57.1
GE 0000	1.9	52.7	54.7	55.7	56.2	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.1	57.1	57.2
GE 0000	1.9	52.8	54.8	55.8	56.3	56.5	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2	57.2	57.3
GE 0000	1.9	52.9	54.9	55.9	56.4	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.3	57.3	57.4
GE 0000	1.9	53.0	55.0	56.0	56.5	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.5
GE 0000	1.9	53.1	55.1	56.1	56.6	56.8	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.5	57.5	57.6
GE 0000	1.9	53.2	55.2	56.2	56.7	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.7
GE 0000	1.9	53.3	55.3	56.3	56.8	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.7	57.7	57.8
GE 0000	1.9	53.4	55.4	56.4	56.9	57.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.8	57.8	57.9
GE 0000	1.9	53.5	55.5	56.5	57.0	57.2	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9	57.9	58.0
GE 0000	1.9	53.6	55.6	56.6	57.1	57.3	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.0	58.0	58.1
GE 0000	1.9	53.7	55.7	56.7	57.2	57.4	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.1	58.1	58.2
GE 0000	1.9	53.8	55.8	56.8	57.3	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.2	58.3
GE 0000	1.9	53.9	55.9	56.9	57.4	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.4
GE 0000	1.9	54.0	56.0	57.0	57.5	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.4	58.4	58.5
GE 0000	1.9	54.1	56.1	57.1	57.6	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.5	58.5	58.6
GE 0000	1.9	54.2	56.2	57.2	57.7	57.9	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.6	58.6	58.7
GE 0000	1.9	54.3	56.3	57.3	57.8	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.7	58.7	58.8
GE 0000	1.9	54.4	56.4	57.4	57.9	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.8	58.8	58.9
GE 0000	1.9	54.5	56.5	57.5	58.0	58.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9	59.0
GE 0000	1.9	54.6	56.6	57.6	58.1	58.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.0	59.0	59.1
GE 0000	1.9	54.7	56.7	57.7	58.2	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.1	59.1	59.2
GE 0000	1.9	54.8	56.8	57.8	58.3	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.2	59.3
GE 0000	1.9	54.9	56.9	57.9	58.4	58.6	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.3	59.3	59.4
GE 0000	1.9	55.0	57.0	58.0	58.5	58.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4	59.5
GE 0000	1.9	55.1	57.1	58.1	58.6	58.8	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.5	59.5	59.6
GE 0000	1.9	55.2	57.2	58.2	58.7	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.6	59.6	59.7
GE 0000	1.9	55.3	57.3	58.3	58.8	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.7	59.7	59.8
GE 0000	1.9	55.4	57.4	58.4	58.9	59.1	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.8	59.8	59.9
GE 0000	1.9	55.5	57.5	58.5	59.0	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.9	59.9	60.0
GE 0000	1.9	55.6	57.6	58.6	59.1	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.0	60.0	60.1
GE 0000	1.9	55.7	57.7	58.7	59.2	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.2
GE 0000	1.9	55.8	57.8	58.8	59.3	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2	60.3
GE 0000	1.9	55.9	57.9	58.9	59.4	59.6	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.4
GE 0000	1.9	56.0	58.0	59.0	59.5	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.4	60.5
GE 0000	1.9	56.1	58.1	59.1	59.6	59.8	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5	60.5	60.6
GE 0000	1.9	56.2	58.2	59.2	59.7	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.6	60.6	60.7
GE 0000	1.9	56.3	58.3	59.3	59.8	60.0	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.7	60.7	60.8
GE 0000	1.9	56.4	58.4	59.4	59.9	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.8	60.8	6

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-85  
MONTH: DEC HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GF 1	GE 3/4	GE 5/8	GE 1/2	GF 7/16	GE 1/4	GE 3
NO CEIL	3.4	54.3	54.8	55.3	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.9	55.9	55.9	56.1
GE 20000	3.4	56.9	57.4	57.6	57.8	57.8	58.1	58.1	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.7
GE 18000	3.4	57.1	57.6	58.1	58.1	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.9
GE 16000	3.4	57.1	57.6	58.1	58.1	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.9
GE 14000	3.4	57.2	57.7	58.2	58.2	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.8	58.8	58.8	59.0
GE 12000	3.4	57.5	58.1	58.5	58.5	58.5	58.7	58.7	58.8	58.8	58.8	58.8	59.1	59.1	59.1	59.4
GE 10000	3.5	59.7	60.2	60.6	60.6	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.5
GE 9000	3.5	59.8	60.3	60.8	60.8	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.6
GE 8000	3.5	62.0	62.7	63.1	63.1	63.1	63.4	63.4	63.5	63.5	63.5	63.5	63.9	63.9	63.9	64.1
GE 7000	3.9	63.0	63.7	64.1	64.1	64.1	64.4	64.4	64.5	64.5	64.5	64.5	64.8	64.8	64.8	65.1
GE 6000	4.2	64.0	64.6	65.1	65.1	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.8	65.8	65.8	66.0
GE 5000	4.2	65.7	66.3	66.8	66.8	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.7
GE 4500	4.5	68.1	68.7	69.1	69.1	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.9	69.9	69.9	70.1
GE 4000	4.5	69.8	70.4	70.9	70.9	70.9	71.0	71.0	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.8
GE 3500	4.5	71.6	72.3	72.7	72.7	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.7
GE 3000	4.6	74.8	75.5	75.9	75.9	75.9	76.0	76.0	76.3	76.3	76.3	76.3	76.8	76.8	76.8	77.0
GE 2500	4.6	77.4	78.3	78.5	78.5	78.5	79.2	79.2	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.9
GE 2000	4.6	80.0	81.1	81.7	81.7	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.7	82.7	82.7	82.9
GE 1800	4.6	80.4	81.6	82.3	82.3	82.3	82.4	82.7	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.4
GE 1600	4.6	81.7	83.1	84.1	84.1	84.1	84.5	84.7	84.8	84.8	84.8	84.8	85.2	85.2	85.2	85.4
GE 1400	4.6	82.6	84.2	85.7	85.7	85.7	86.0	86.6	86.6	86.6	86.6	86.6	87.2	87.2	87.2	87.4
GE 1200	4.6	84.1	85.7	87.2	87.5	87.5	88.1	88.4	88.5	88.5	88.5	88.5	88.8	88.8	88.8	89.0
GE 1000	4.6	85.3	87.3	88.9	89.6	89.6	90.1	90.1	90.4	90.4	90.4	90.4	91.0	91.0	91.0	91.2
GE 900	4.6	85.5	87.5	89.1	89.7	89.7	90.3	90.6	90.8	90.8	90.8	90.8	91.3	91.3	91.3	91.5
GE 800	4.6	85.6	87.6	89.4	90.3	90.3	91.0	91.5	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.5
GE 700	4.6	85.8	87.8	89.6	90.6	90.6	91.7	92.4	92.5	92.5	92.5	92.5	93.2	93.2	93.2	93.4
GE 600	4.6	86.0	88.1	89.9	91.0	91.0	93.2	94.5	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.7
GE 500	4.6	86.0	88.2	90.3	92.4	92.4	94.6	95.9	96.0	96.0	96.0	96.6	96.6	96.6	97.0	97.2
GE 400	4.6	86.0	88.2	90.4	92.6	92.6	94.6	95.2	95.7	95.7	95.7	96.3	96.3	96.3	96.1	96.3
GE 300	4.6	86.0	88.2	90.4	92.6	92.6	94.6	95.2	95.7	95.7	95.7	96.3	96.3	96.3	96.7	96.0
GE 200	4.6	86.0	88.2	90.4	92.6	92.6	94.6	95.2	95.7	95.7	95.7	96.3	96.3	96.3	96.7	96.9
GE 100	4.6	86.0	88.2	90.4	92.6	92.6	94.6	95.2	95.7	95.7	95.7	96.3	96.3	96.3	96.7	96.9
GE 0	4.6	86.0	88.2	90.4	92.6	92.6	94.6	95.2	95.7	95.7	95.7	96.3	96.3	96.3	96.7	96.9

TOTAL NUMBER OF OBSERVATIONS: 932

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS/DAYS: 0300-0500

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: DEC HOURS(LST): 0600-0800

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 947

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM POLY OBSERVATIONS

STATION NUMBER: 703404 STATION NAME: PLYMOUTH AFB AL

PERIOD OF RECORD: 77-84  
MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	47.0	42.0	43.1	44.4	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.3
GE 2000	1	47.1	48.3	49.7	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
GE 1800	1	47.2	48.5	49.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.9
GE 1600	1	47.2	48.5	49.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.9
GE 1400	1	47.2	48.6	50.0	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0
GE 1200	1	47.6	49.0	50.4	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4
GE 1000	1	50.5	52.0	53.4	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
GE 900	1	50.9	52.4	53.8	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
GE 800	1	54.1	55.9	57.3	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
GE 700	1	55.1	56.9	58.3	59.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2
GE 600	1	56.3	58.2	59.6	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.8
GE 500	1	58.0	60.1	61.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
GE 400	1	58.5	60.6	62.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
GE 300	1	59.5	61.6	63.3	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.1
GE 200	1	60.4	62.6	64.5	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.2
GE 100	1	63.1	65.7	67.7	69.0	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9
GE 2000	2	65.4	67.0	70.1	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.4
GE 1800	2	67.0	71.9	74.5	76.2	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.6
GE 1600	2	70.2	71.1	75.7	77.5	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	79.0
GE 1400	2	72.0	75.1	77.7	79.8	80.4	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.6
GE 1200	2	73.2	76.9	80.1	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	84.0
GE 1000	2	74.5	78.5	81.7	84.2	84.8	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.0
GE 900	2	74.9	79.1	82.4	85.4	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.3
GE 800	2	75.4	79.7	82.9	86.2	86.9	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.4
GE 700	2	75.9	80.6	84.1	87.7	88.5	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	90.5
GE 600	2	76.0	80.9	84.7	88.9	89.7	90.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	92.2
GE 500	2	76.1	81.0	84.8	89.5	91.5	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	94.1
GE 400	2	76.1	81.0	84.9	89.9	91.0	91.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	96.6
GE 300	2	76.1	81.0	84.9	90.1	91.3	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	96.6
GE 200	2	76.1	81.0	84.9	90.1	91.3	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	96.7
GE 100	2	76.1	81.0	84.9	90.1	91.3	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	96.7
GE 100	3	76.1	81.0	84.9	90.1	91.3	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	96.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURTY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: RHYTHVILLE AFB AR

PERIOD OF RECORD: 77-84  
MONTH: DEC HOURS(UT): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	7/16	1/4	1/8	0	0
NO CEIL	2.8	42.9	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
CE 20000	2.8	43.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
CE 18000	2.8	49.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
CE 16000	2.8	49.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
CE 14000	2.8	49.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
CE 12000	2.8	49.7	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
CE 10000	2.8	52.2	53.4	53.7	53.7	53.7	53.7	54.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
CE 8000	2.8	52.2	53.4	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
CE 6000	2.8	56.5	59.0	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
CE 4000	2.8	58.2	59.8	60.0	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
CE 2000	2.8	59.7	61.2	61.5	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
CE 1000	2.8	60.8	62.5	62.7	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
CE 800	2.8	61.1	62.8	63.0	63.3	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
CE 600	2.8	63.5	65.2	65.5	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
CE 400	2.8	64.7	66.5	66.7	67.2	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
CE 200	2.8	67.7	69.7	70.0	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
CE 100	2.8	73.4	72.7	73.0	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
CE 50	2.7	74.5	77.2	77.7	78.8	78.9	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
CE 25	2.7	75.0	78.3	78.6	80.0	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
CE 12.5	2.7	77.7	80.2	81.7	82.9	83.0	83.0	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7
CE 6.25	2.7	79.0	82.4	83.4	84.7	84.7	84.7	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
CE 3.125	2.7	79.8	83.4	84.0	86.5	86.5	86.5	87.0	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8
CE 1.5625	2.7	80.0	84.1	85.3	87.4	87.4	87.4	88.2	88.2	88.2	88.2	89.1	89.1	89.1	89.1	89.1	89.1
CE 780	2.7	81.5	84.3	86.0	88.4	88.4	88.4	89.5	89.5	89.5	89.5	90.6	90.6	90.6	90.6	90.6	90.6
CE 720	2.7	80.6	84.5	86.3	89.1	89.1	89.1	90.4	90.4	90.4	90.4	91.8	91.8	91.8	91.8	91.8	91.8
CE 600	2.7	81.0	84.9	87.0	90.4	90.4	90.4	92.5	92.5	92.5	92.5	94.6	94.6	94.6	94.6	94.6	94.6
CE 500	2.7	81.0	84.5	87.4	90.9	90.9	90.9	93.7	93.7	93.7	93.7	95.9	95.9	95.9	95.9	95.9	95.9
CE 400	2.7	81.3	85.3	87.5	91.3	91.3	91.3	94.7	94.7	94.7	94.7	97.1	97.1	97.1	97.1	97.1	97.1
CE 300	2.7	81.3	85.3	87.5	91.3	91.3	91.3	94.7	94.7	94.7	94.7	97.1	97.1	97.1	97.1	97.1	97.1
CE 200	2.7	81.0	85.4	87.6	91.4	91.4	91.4	94.8	94.8	94.8	94.8	97.2	97.2	97.2	97.2	97.2	97.2
CE 100	2.7	81.0	85.4	87.6	91.4	91.4	91.4	94.8	94.8	94.8	94.8	97.2	97.2	97.2	97.2	97.2	97.2
CE 50	2.7	81.3	85.4	87.6	91.4	91.4	91.4	94.8	94.8	94.8	94.8	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS: 930



PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
MONTH: DEC HOURS(EST): 1500-1700

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 250

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
MONTH: DEC      HOURS(EST): 1800-2000

NO	CEILING IN FEET	VISIBILITY IN STATUTE MILES															
		GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
NO	CEIL	1	2.6	49.4	49.4	50.1	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
GE	10000	2.6	53.5	54.0	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE	18000	2.6	53.5	54.0	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE	10000	2.6	53.5	54.0	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE	14000	2.6	54.1	54.5	54.6	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE	10000	2.6	54.3	54.7	55.1	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE	10000	2.6	58.0	59.6	59.6	59.6	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE	8000	2.6	55.5	59.1	59.0	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE	8000	2.6	60.4	61.2	61.6	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE	7000	2.6	62.0	62.4	63.2	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE	6000	2.6	63.5	64.3	64.7	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE	5000	3.0	66.9	67.6	68.2	68.5	68.5	68.6	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9
GE	4500	3.0	68.1	68.6	69.4	69.7	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE	4000	3.0	69.7	70.0	71.0	71.3	71.3	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE	3500	3.0	71.2	72.0	72.7	73.2	73.2	73.4	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9
GE	3000	3.0	74.0	75.1	76.0	76.7	76.7	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE	2500	3.0	75.9	77.2	78.3	79.4	79.4	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE	2000	3.0	77.8	79.9	81.1	82.7	82.7	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE	1800	3.0	78.8	80.0	82.2	83.9	83.9	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE	1600	3.0	80.3	82.4	83.9	85.6	85.6	85.7	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	1000	3.0	81.1	83.1	84.7	86.7	86.7	87.0	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE	1000	3.0	81.9	84.3	85.9	87.8	87.8	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE	800	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	800	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	600	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	600	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	400	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	400	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	200	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	200	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	100	3.0	82.7	85.3	86.9	88.9	88.9	89.0	89.7	89.7							

TOTAL NUMBER OF OBSERVATIONS: 924

PERCENTAGE FREQUENCY OF OCCURRENCE OF CRILLING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86  
MONTH: DEC FOLIOLEST: 2105-2300

Cell ID		Visibility to Statute Miles																	
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	
00	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
01	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
02	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
03	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
04	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
05	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
06	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
07	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
08	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
09	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
10	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
11	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
12	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
13	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
14	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
15	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
16	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
17	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
18	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
19	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
20	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
21	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
22	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
23	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
24	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
25	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
26	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
27	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
28	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
29	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
30	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
31	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
32	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
33	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
34	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
35	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
36	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
37	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
38	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
39	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
40	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
41	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
42	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
43	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
44	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
45	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
46	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
47	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
48	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
49	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
50	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
51	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
52	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
53	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
54	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
55	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
56	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
57	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
58	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
59	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
60	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
61	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
62	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
63	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
64	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
65	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
66	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
67	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
68	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
69	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
70	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
71	Cell 1	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	35.1	37.8	40.5	43.2	45.9	
72	Cell 1	2.7	5.4	8.1															

TOTAL NUMBER OF OBSERVATIONS: 93.

CLIMATE BRANCH  
SAFETY  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 773404 STATION NAME: PLYMOUTH AFB AL

PERIOD OF RECORD: 77-85  
MONTH: DEC FOURSELEST: ALL

CEILING FEET	VICINITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
50	47.3	48.2	48.5	48.9	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
60	51.7	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
70	51.7	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
80	51.7	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
90	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
100	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
110	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
120	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
130	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
140	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
150	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
160	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
170	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
180	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
190	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
200	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
210	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
220	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
230	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
240	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
250	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
260	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
270	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
280	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
290	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
300	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
310	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
320	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
330	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
340	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
350	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
360	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
370	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
380	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
390	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
400	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
410	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
420	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
430	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
440	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
450	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
460	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
470	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
480	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
490	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
500	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4

TOTAL NUMBER OF OBSERVATIONS: 7447

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723404 STATION NAME: PLYMOUTH AFB AL

PERIOD OF RECORD: 77-87  
MONTH: ALL GROUPS (LIST): ALL

CEILING IN FEET	1	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 1/2	GE 5/16	GE 1/4	GE 3/8
NO CEIL	1	2.7	52.7	53.0	54.3	55.3	55.5	55.8	55.9	56.0	56.1	56.2	56.1	56.1	56.2
GE 2000	1	2.1	57.2	67.5	61.4	67.5	62.5	62.1	63.3	67.3	63.4	67.4	63.4	63.5	63.5
GE 1500	1	2.7	57.4	67.1	61.0	62.7	63.1	63.3	63.5	67.5	63.6	67.6	63.7	63.7	63.7
GE 1000	1	2.7	57.5	67.2	61.7	62.8	63.1	63.4	63.6	67.6	63.6	67.7	63.7	63.7	63.8
GE 800	1	2.7	57.6	67.6	62.1	63.7	63.6	67.9	64.0	64.1	64.1	64.1	64.2	64.2	64.3
GE 600	1	2.7	58.7	61.5	63.1	64.2	64.0	64.9	65.0	65.1	65.1	65.1	65.2	65.2	65.3
GE 400	1	2.7	62.3	65.4	67.0	68.2	68.6	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3
GE 300	1	2.7	62.6	65.7	67.4	68.6	68.9	69.3	69.5	69.5	69.6	69.6	69.6	69.7	69.7
GE 200	1	2.3	65.2	68.5	70.2	71.5	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.7
GE 100	1	2.3	66.0	69.3	71.1	72.4	72.8	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.6
GE 50	1	2.3	66.7	70.0	71.8	73.2	73.6	73.9	74.2	74.2	74.3	74.3	74.3	74.4	74.4
GE 30	1	2.4	68.6	72.1	74.0	75.4	75.8	76.2	76.5	76.5	76.6	76.6	76.6	76.7	76.7
GE 20	1	2.4	69.4	73.0	74.9	76.4	76.8	77.2	77.5	77.5	77.6	77.6	77.7	77.7	77.8
GE 10	1	2.4	71.6	75.3	77.4	79.0	79.4	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.4
GE 5	1	2.4	73.5	76.9	79.1	80.7	81.2	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.2
GE 0	1	2.4	75.4	77.5	81.0	83.6	84.1	84.5	84.9	84.9	85.1	85.0	85.1	85.1	85.2
GE 1000	1	2.5	77.0	81.7	83.7	85.6	86.2	86.7	87.0	87.1	87.2	87.2	87.3	87.3	87.4
GE 800	1	2.5	79.7	83.2	85.9	87.9	88.6	89.2	89.5	89.6	89.7	89.7	89.8	89.8	89.9
GE 600	1	2.5	79.8	84.6	86.2	88.3	89.0	89.6	90.0	90.0	90.1	90.2	90.2	90.3	90.3
GE 400	1	2.5	79.9	84.7	87.5	89.7	90.4	91.1	91.5	91.6	91.7	91.8	91.8	91.9	91.9
GE 300	1	2.5	80.7	85.7	88.6	90.9	91.7	92.4	92.9	93.0	93.1	93.2	93.3	93.3	93.4
GE 200	1	2.5	81.1	86.3	89.3	91.7	92.6	93.4	93.9	94.0	94.1	94.2	94.3	94.3	94.4
GE 100	1	2.5	81.5	86.7	89.6	92.1	93.2	94.1	94.7	94.8	94.9	95.0	95.1	95.1	95.2
GE 50	1	2.5	81.7	86.9	90.1	92.7	93.6	94.6	95.2	95.3	95.5	95.6	95.7	95.7	95.8
GE 30	1	2.5	81.9	87.1	90.4	93.2	94.1	95.2	95.9	96.0	96.2	96.3	96.4	96.4	96.5
GE 20	1	2.5	82.0	87.3	90.6	93.5	94.5	95.7	96.4	96.6	96.8	96.9	97.0	97.1	97.2
GE 10	1	2.5	82.2	87.4	90.8	93.8	94.9	96.2	97.0	97.2	97.4	97.6	97.6	97.8	97.9
GE 5	1	2.5	82.1	87.5	90.9	94.1	95.1	96.5	97.6	97.8	98.1	98.3	98.5	98.6	98.7
GE 0	1	2.5	82.1	87.5	91.0	94.1	95.1	96.6	97.9	98.2	98.5	98.8	99.0	99.1	99.3
GE 1000	1	2.5	82.1	87.5	91.0	94.1	95.1	96.6	97.9	98.2	98.5	98.8	99.0	99.3	99.7
GE 800	1	2.5	82.1	87.5	91.0	94.1	95.1	96.6	97.9	98.2	98.5	98.8	99.0	99.3	99.9
GE 600	1	2.5	82.1	87.5	91.0	94.1	95.1	96.6	97.9	98.2	98.5	98.8	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 4764

GLOBAL CLIMATOLOGY BRANCH  
USAF/ITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72344 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	79.1			19.9						9.6	41.4	5.4	926
03-05	73.7			15.2						9.2	41.9	5.5	922
06-08	16.1			26.3						13.7	43.0	6.3	930
09-11	13.5			23.8						19.5	43.2	6.8	930
12-14	10.9			24.8						20.0	43.3	6.9	930
15-17	11.3			27.3						19.7	40.8	6.7	930
18-20	21.7			24.4						12.4	41.5	6.0	930
21-23	13.2			19.9						9.2	41.7	5.5	929
TOTALS	72.2			21.7						14.0	42.1	6.1	7426

STATION NUMBER: 72344 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	51.3			15.3						12.7	42.7	5.7	841
03-05	53.6			13.9						12.2	43.3	5.8	843
06-08	19.6			23.3						15.0	46.8	6.7	841
09-11	10.6			23.0						19.4	45.0	7.1	843
12-14	7.7			22.6						20.6	46.3	7.2	846
15-17	8.6			21.3						13.2	44.4	7.1	846
18-20	17.5			20.9						16.1	42.5	6.4	845
21-23	27.5			19.3						11.9	42.3	5.9	843
TOTALS	19.9			19.7						14.5	44.5	6.5	6748

GLOBAL CLIMATOLOGY BRANCH  
USIETAP  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
GROUP (OBS)	0	1	2	3	4	5	6	7	8	9	10	MEAN
1-12	26.6			27.2						17.9	37.4	5.6
1-15	31.5			19.1						11.9	41.5	5.7
1-16	10.5			24.5						19.3	42.5	6.8
1-18	14.5			22.0						20.7	43.9	6.9
1-19	10.2			25.5						22.2	42.2	7.0
1-17	6.9			26.5						23.5	41.6	7.1
1-20	15.9			26.2						20.2	37.6	6.4
1-22	24.2			22.5						15.0	34.3	5.5
TOTAL	18.5			22.7						18.4	40.1	6.4

STATION NUMBER: 72340 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
GROUP (OBS)	0	1	2	3	4	5	6	7	8	9	10	MEAN
1-1	29.1			19.0						14.1	29.8	4.7
1-3	31.7			22.3						14.6	30.9	5.1
1-5	13.9			29.7						22.9	29.1	5.9
1-11	19.8			29.3						25.2	30.7	6.2
1-14	9.2			21.4						29.0	29.6	6.6
1-17	9.8			22.2						24.0	30.0	6.5
1-20	17.1			22.1						23.3	30.4	6.0
1-22	32.0			22.9						14.2	30.8	5.0
TOTAL	21.0			22.9						21.5	30.1	5.8

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM DOUPLY OBSERVATIONS

STATION NUMBER: 772404 STATION NAME: RHYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	33.2			21.5						16.6	27.7	4.9	929
02-03	22.2			30.4						17.6	29.8	5.5	922
03-04	13.7			27.6						26.4	31.3	6.5	927
04-05	9.8			28.7						26.9	34.6	6.7	930
05-06	5.7			28.2						33.2	32.2	7.1	930
06-07	5.1			31.1						33.4	30.0	7.0	930
07-08	8.8			33.3						27.2	30.5	6.5	930
08-09	27.4			26.7						17.2	28.7	5.2	930
TOTALS	15.8			26.4						25.1	30.7	6.2	7428

STATION NUMBER: 772404 STATION NAME: RHYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	25.1			27.4						16.7	17.2	4.1	900
02-03	21.7			24.5						27.6	16.3	5.1	896
03-04	11.0			24.7						34.5	19.1	6.1	893
04-05	8.2			25.5						35.3	21.0	6.3	899
05-06	3.4			25.7						42.0	24.8	6.7	899
06-07	2.5			41.1						29.7	16.5	6.5	897
07-08	7.8			41.4						35.1	15.7	6.0	894
08-09	12.0			34.2						19.3	16.3	4.3	897
TOTALS	15.7			26.3						31.3	17.7	5.6	7175



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM DOUPLY OBSERVATIONS

STATION NUMBER: 773405 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	42.7			27.6						13.8	15.9	3.7	917
03-05	29.4			36.3						14.7	12.6	4.2	912
06-08	21.0			37.1						27.9	14.0	5.0	910
09-11	15.2			43.4						25.7	15.7	5.2	923
12-14	4.4			45.6						21.3	14.2	5.6	930
15-17	3.9			54.0						20.5	11.6	5.5	930
18-20	12.2			43.7						26.2	16.0	5.4	930
21-23	35.5			34.1						14.6	15.9	3.4	925
TOTALS	20.5			41.0						24.0	14.5	4.6	7377

STATION NUMBER: 773405 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	45.2			26.4						15.0	13.4	3.5	908
03-05	28.9			35.9						17.4	15.8	4.2	892
06-08	14.7			40.3						25.6	19.2	5.4	896
09-11	13.6			34.0						25.9	20.6	5.6	916
12-14	3.9			47.7						23.0	14.9	5.5	929
15-17	5.4			51.3						31.3	12.0	5.6	930
18-20	15.5			45.6						26.4	11.1	4.9	919
21-23	40.9			27.2						16.3	10.6	3.5	915
TOTALS	21.9			37.5						24.0	14.7	4.6	7305

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723405 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER														
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS	
01-02	47.3			21.4						13.9	16.9	3.6	884	
01-05	40.9			26.4						15.2	17.7	3.9	860	
05-08	19.5			36.1						24.7	17.7	5.1	868	
08-11	13.8			37.7						24.9	16.5	5.2	886	
11-14	8.8			45.3						21.2	14.7	5.6	895	
14-17	10.1			47.6						20.1	12.6	5.4	890	
17-20	17.1			34.4						24.9	13.6	4.6	889	
20-23	44.5			27.3						14.4	13.8	3.7	885	
TOTALS	27.1			34.1						22.9	15.7	4.6	7057	

STATION NUMBER: 723405 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER														
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS	
01-02	43.7			17.7						13.7	26.0	4.3	923	
01-05	42.0			16.0						13.9	27.0	4.5	922	
05-08	19.5			31.4						21.1	24.0	5.6	918	
08-11	13.8			37.7						22.7	27.3	5.7	928	
11-14	17.4			31.4						16.3	24.7	5.8	930	
14-17	16.1			24.4						14.3	23.5	5.9	930	
17-20	13.7			27.4						12.3	21.5	5.0	929	
20-23	14.7			21.4						15.6	23.7	4.4	926	
TOTALS	14.5			24.5						14.0	23.3	5.2	7406	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAG  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703404 STATION NAME: PLYTHELVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.0			13.1						11.8	41.1	5.6	892
03-05	33.6			13.1						11.3	41.9	5.6	892
06-08	16.4			24.8						19.4	39.3	6.4	895
09-11	14.5			21.7						24.1	38.7	6.7	899
12-14	12.9			24.7						24.7	37.8	6.7	900
15-17	14.8			24.0						24.1	37.1	6.6	900
18-20	25.1			16.6						17.1	35.2	6.0	899
21-23	31.8			14.3						14.0	39.9	5.7	897
TOTALS	72.9			14.9						14.3	39.4	6.2	7174

STATION NUMBER: 703403 STATION NAME: PLYTHELVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	36.1			17.0						11.1	35.9	5.1	926
03-05	35.5			14.3						13.8	39.4	5.3	927
06-08	17.5			26.0						18.2	38.0	6.2	927
09-11	11.7			26.3						22.0	40.0	6.8	927
12-14	9.5			26.5						23.7	40.0	6.9	930
15-17	9.1			27.0						19.1	38.2	6.9	930
18-20	26.3			11.1						13.1	40.5	5.8	930
21-23	32.4			14.3						11.3	40.0	5.6	927
TOTALS	72.2			17.7						17.0	39.0	6.1	7424

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 703403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87  
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER														
	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	1	72.2		21.7						14.3	42.1	6.1	7426
FEB		1	18.8		26.9						15.4	44.5	6.5	6746
MAR		1	14.8		22.7						13.4	40.1	6.4	7423
APR		1	21.6		26.9						21.5	32.1	5.8	7151
MAY		1	15.6		26.4						25.1	30.7	6.2	7428
JUN		1	15.7		35.3						21.3	17.7	5.6	7175
JUL		1	25.5		41.0						24.3	14.5	4.8	7377
AUG		1	21.4		39.9						23.4	14.7	4.8	7335
SEP		1	27.1		24.0						12.4	15.7	4.6	7057
OCT		1	19.0		25.5						20.6	25.3	5.2	7406
NOV		1	22.9		19.4						14.3	39.4	6.2	7174
DEC		1	12.3		21.7						17.3	39.0	6.1	7424
TOTALS		1	21.3		28.1						21.1	29.5	5.7	87134

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PP	AAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 1-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE "MINIMUM" TABLE ALSO INCLUDES A 25 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR WET BULB (WET BULB AND DRY POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 1% DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72340E

STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-67

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 105							.8						.1
GE 100						.3	5.1	2.2	.1				.6
GE 95					.5	10.5	24.0	13.4	2.8				4.1
GE 90				.7	8.5	42.8	59.7	42.7	15.9	1.0			13.6
GE 85			.2	3.5	29.4	69.6	86.3	75.5	41.2	8.5	.1		25.5
GE 80		.1	3.0	18.0	52.1	88.6	96.8	93.5	64.6	25.0	1.0		36.1
GE 75	.2	.8	9.2	35.8	73.9	97.5	99.3	98.5	42.7	45.4	6.8	.1	45.0
GE 70	1.3	5.1	20.7	55.9	87.3	99.9	100.0	99.6	92.9	64.5	18.7	2.5	53.7
GE 65	5.2	11.4	35.3	72.0	96.1	100.0		100.0	98.2	79.6	33.1	6.1	60.5
GE 60	12.1	21.1	48.6	85.2	99.0				99.5	91.7	49.1	17.9	68.1
GE 55	20.6	31.9	62.7	93.9	99.8				100.0	97.2	65.1	27.8	74.5
GE 50	31.5	45.9	76.4	97.8	100.0					99.6	79.0	43.0	80.8
GE 45	45.3	61.3	86.8	99.5						100.0	89.3	58.3	86.5
GE 40	58.6	74.8	94.3	99.9							96.2	75.6	91.5
GE 35	73.3	84.9	97.8	100.0							99.0	88.4	95.2
GE 30	86.2	93.8	99.3								99.5	95.0	97.6
GE 25	94.6	98.0	99.9								100.0	95.3	99.2
GE 20	97.8	99.4	100.0									99.2	99.7
GE 15	99.4	99.9										99.7	99.9
GE 10	99.8	100.0										100.0	100.0
GE 5	100.0												100.0
MEAN	43.3	48.4	58.6	70.1	79.3	87.5	90.6	88.2	81.8	72.7	58.7	47.7	68.5
SD	12.644	12.527	12.033	9.535	7.922	6.086	5.668	5.831	7.710	8.959	10.823	11.479	18.975
TOTAL OBS	1054	961	1054	1018	1023	960	971	992	986	1018	1020	1049	12108

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72340E

STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 80						.3	2.7	.5					.7
GE 75					.3	10.1	27.5	14.6	3.4	.1			4.5
GE 70				.2	8.0	43.6	71.9	54.1	23.4	1.1			16.4
GE 65			.0	5.9	33.5	76.1	90.7	80.5	44.0	7.7			27.6
GE 60	.4	.3	4.1	20.4	57.5	92.4	97.4	94.4	63.2	19.0	5.4	1.3	37.2
GE 55	1.4	1.7	9.7	37.6	78.7	96.2	99.9	98.9	80.4	36.6	10.8	3.1	45.6
GE 50	3.3	5.5	19.4	54.6	91.2	99.9	100.0	99.9	92.3	55.6	20.6	6.7	53.4
GE 45	6.9	12.3	34.8	75.0	98.0	100.0		100.0	98.3	72.4	32.5	11.5	61.2
GE 40	12.0	24.3	51.5	90.3	99.9				99.6	88.7	51.1	11.3	69.3
GE 35	22.3	39.8	70.2	97.2	100.0				100.0	97.0	74.5	39.0	77.9
GE 30	30.6	49.0	78.5	98.8						98.4	81.8	49.1	81.5
GE 25	45.9	63.0	89.7	100.0						99.8	88.7	63.0	87.3
GE 20	65.7	78.8	95.9							100.0	97.3	81.4	97.2
GE 15	80.5	89.1	98.9								99.2	90.9	96.5
GE 10	90.0	95.1	99.5								99.9	96.2	98.4
GE 5	95.2	98.9	99.9								100.0	98.4	99.3
GE 0	97.5	99.7	100.0									99.2	99.7
GE -5	99.1	99.9										99.4	99.9
GE -10	99.9	100.0										100.0	100.0
GE -15	100.0												100.0
MEAN	28.0	32.3	40.7	51.1	60.2	68.0	71.5	69.1	62.2	50.9	41.0	32.0	50.7
SD	10.821	10.296	9.997	8.871	7.151	5.474	4.906	5.370	8.218	9.075	9.835	10.340	17.186
TOTAL OPS	1054	961	1054	1018	1023	960	971	992	986	1018	1020	1049	12106



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723406

STATION NAME: GLYTHERVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-67

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 95						.1	.1						.1
GE 90						6.9	2.9	.5					.1
GE 85					.1	6.9	25.1	12.6	2.3				3.5
GE 80					6.9	43.4	67.4	46.9	16.8				14.7
GE 75			.2	3.5	30.1	75.7	91.6	80.7	41.3	5.7			26.7
GE 70			2.7	18.2	55.6	92.8	98.5	96.5	65.7	19.1	1.4		36.7
GE 65	.3	.6	8.3	37.5	77.2	99.6	100.0	99.5	84.0	41.1	7.5	1.4	45.6
GE 60	2.1	4.5	19.6	56.2	91.1	100.0		100.0	94.7	62.4	18.8	3.9	57.7
GE 55	5.4	11.1	32.6	75.7	98.3				98.8	80.0	32.1	9.5	61.1
GE 50	11.3	21.2	50.0	89.5	99.8				99.9	92.6	51.7	18.8	69.1
GE 45	20.8	35.4	68.3	96.8	100.0				100.0	98.8	69.3	21.6	76.2
GE 40	26.7	55.0	84.3	99.5						100.0	86.4	52.2	84.2
GE 35	54.7	71.3	93.4	100.0							95.7	73.1	91.5
GE 30	71.5	84.3	97.6								98.4	87.0	94.6
GE 25	85.1	92.6	99.1								99.7	94.7	97.6
GE 20	93.0	97.5	99.7								100.0	97.0	99.0
GE 15	96.9	99.5	99.9									99.2	99.6
GE 10	99.1	99.9	100.0									99.6	99.6
GE 5	99.7	100.0										100.0	100.0
GE 0	100.0												100.0
MEAN	75.8	40.6	49.9	60.6	70.0	78.0	81.3	78.9	72.2	62.1	50.0	40.4	60.0
SD	11.163	10.844	10.413	8.542	6.976	5.224	4.779	4.964	7.337	9.173	9.608	10.346	17.775
TOTAL OPS	1054	961	1054	1018	1023	960	971	992	986	1016	1020	1049	12168

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 45-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42									95	84	80	73	
43	76	70	77	88	92	98	102	102	99	89	81	67	102
44	68	75	80	81	94	100	102	96	96	89	77	62	102
45	65	74	82	*84			*101	96	93	80	78	*64	
55											85	74	
56	67	72	78	85	91	99	98	101	95	88	78	73	101
57	70	73	73	85	88	94	97	94	88	61	72	66	57
58	59	70	62	79	94								
59												*62	
60	72	69	77	85	90	97	95	99	97	64	76	62	57
61	64	74	74	87	90	92	93	92	91	66	81	71	57
62	63	80	75	84	95	92	97	99	94	85	72	70	59
63	71	66	85	88	92	97	96	98	90	93	74	66	58
64	68	61	76	82	92	98	101	100	88	83	81	68	101
65	70	73	70	92	91	95	98	95	89	86	77	67	58
66	66	66	82	81	88	99	103	96	91	87	76	73	103
67	75	71	85	88	93	96	94	94	89	91	72	74	56
68	69	67	84	85	87	97	101	100	92	90	64	62	101
69	67	59	77	87	92	97	100	98	92	90	77	62	100
70	69	64	69	83	93	94	100	101	96	98	74	73	101
71	64	70	75	85	87	101	101	93	*96	*87	80	72	101
72	74	72	77	82	92	97	97	95	92	84	79	69	57
73	64	67	74	79	87	99	98	98	88	88	75	66	59
74	68	68	82	84	90	95	95	92	86	82	80	65	55
75	73	69	74	84	91	95	97	93	94	90	77	70	57
76	70	76	80	88	87	94	99	94	88	89	70	65	59
77	47	73	78	87	95	98	99	101	92	87	75	62	101
78	66	49	84	86	91	99	97	96	90	65	78	69	54
79	50	64	76	81	88	95	100	95	90	98	77	65	100
80	62	70	70	86	88	97	107	101	100	90	78	68	107

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 CRS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72340E STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-57

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-D-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51	64	76	78	82	89	97	101	98	91	91	74	66	101
52	67	79	83	83	89	95	95	95	94	86	73	77	95
53	59	70	78	77	80	92	99	100	97	88	78	62	100
54	55	67	77	83	88	98	98	95	92	82	75	73	98
55	63	73	78	84	90	98	99	95	93	87	78	66	99
56	68	76	83	87	91	99	107	100	95	91	75	63	107
57	68	70	82	94	94	96							
MEAN	65.9	69.7	77.5	84.4	90.3	96.6	98.9	96.9	92.4	87.0	76.9	67.9	94.5
S.D.	6.150	6.038	5.083	3.525	3.044	2.327	3.260	2.972	3.425	3.107	3.474	4.340	3.071
TOTAL OBS	1554	961	1054	1018	1023	960	971	992	986	1018	1020	1049	1016

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72340E STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 47-49, 55-67

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42									38	32	29	22	
43	7	12	10	34	51	60	56	56	42	31	22	9	7
44	10	13	27	32	41	56	56	58	53	39	26	10	10
45	16	17	31	*37			*69	59	53	37	24	*20	
55											16	11	
56	17	31	27	37	49	50	62	56	48	40	22	28	17
57	11	28	26	31	43	61	65	58	50	32	27	16	11
58	13	0	29	35	45								
59												*26	
60	16	22	6	30	40	58	62	63	53	34	26	8	8
61	9	21	32	37	42	54	57	53	42	27	24	16	9
62	-2	21	20	31	49	55	52	57	42	32	29	1	-2
63	-5	5	30	40	39	61	56	53	41	31	27	-2	-5
64	14	20	22	34	48	51	60	52	43	31	15	9	9
65	7	7	20	41	53	59	56	51	40	30	27	21	7
66	-3	16	22	32	40	52	61	57	46	31	22	12	-3
67	12	12	21	42	45	53	59	53	38	35	23	13	12
68	9	12	16	34	39	58	55	53	37	35	25	16	9
69	11	26	22	40	43	49	63	58	50	33	25	27	11
70	5	11	27	37	46	54	55	61	50	40	18	24	5
71	16	12	20	30	43	61	55	57	*48	*47	24	25	10
72	6	17	27	30	47	51	55	62	44	36	25	19	6
73	7	17	34	33	47	61	65	61	48	37	26	12	7
74	12	20	21	33	50	54	62	59	42	32	27	21	12
75	15	18	23	35	53	55	62	63	46	38	25	17	15
76	10	19	31	38	40	63	65	58	52	33	14	2	2
77	-7	17	35	41	47	56	65	62	55	38	20	14	-7
78	12	7	16	41	42	56	68	59	51	35	34	21	7
79	6	-1	30	37	47	58	66	60	49	38	27	15	-1
80	16	12	15	31	44	54	65	62	52	36	32	16	12

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72340E STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 42-45, 55-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	16	10	31	45	47	60	63	63	47	29	26	13	10
82	-3	13	30	32	53	59	67	63	45	33	25	22	-3
83	20	22	28	33	45	51	58	65	45	43	32	0	0
84	2	14	24	36	49	57	62	60	44	40	26	18	2
85	-5	6	32	38	51	54	63	62	47	41	33	13	-5
86	10	14	24	42	49	62	69	49	57	42	22	27	10
87	21	24	29	31	56	59							
MEAN	8.9	15.1	24.6	35.5	46.2	56.2	60.8	59.2	46.9	35.0	24.7	15.0	5.7
S.D.	7.468	7.382	6.750	4.229	4.522	3.844	4.564	4.086	4.956	4.076	4.635	7.804	6.408
TOTAL OBS	1054	961	1054	1018	1023	960	971	992	986	1018	1020	1049	1016

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DERIVED FROM  
FOLEY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-01	MEAN	71.8	70.2	46.7	55.5	64.4	72.6	76.6	73.8	67.6	56.9	47.6	38.3	55.8
	SD	9.611	11.637	9.811	8.480	6.720	5.358	4.521	4.871	7.545	9.013	9.989	11.575	17.222
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	70.0	35.0	45.0	52.5	62.6	70.6	74.0	71.5	65.7	55.2	46.4	37.2	54.1
	SD	9.413	11.547	9.571	8.383	6.871	5.491	4.439	4.874	8.088	9.436	10.076	11.603	16.582
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	70.0	34.7	45.1	54.9	65.2	74.3	77.6	74.1	67.3	55.9	46.2	36.0	55.3
	SD	9.629	11.724	10.174	8.615	7.257	5.764	5.095	5.292	8.161	9.333	9.988	11.491	18.221
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	71.8	29.0	51.1	62.0	72.0	81.7	85.5	82.3	76.4	64.7	52.0	40.0	61.9
	SD	10.575	12.705	10.985	9.662	7.987	5.991	5.802	5.801	8.026	8.513	10.080	11.543	19.755
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	77.7	43.0	58.6	66.4	75.6	85.2	89.6	86.7	81.1	69.9	56.2	44.6	66.1
	SD	11.426	13.542	11.822	10.354	8.293	6.305	6.312	6.205	8.163	8.758	10.635	11.991	20.023
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	79.3	44.0	57.2	67.5	76.1	85.6	89.9	86.9	81.0	69.5	55.8	44.5	66.5
	SD	11.169	13.531	11.565	10.240	8.222	6.390	6.546	6.347	8.075	8.642	10.353	11.648	19.879
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	74.9	40.4	52.7	63.0	71.7	81.1	85.0	81.3	74.2	62.6	51.2	40.9	61.7
	SD	9.594	12.099	10.455	9.299	7.612	5.876	6.131	5.978	8.098	8.143	9.410	11.176	18.933
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10953
21-23	MEAN	72.5	34.1	49.1	58.6	67.2	75.6	79.5	76.2	69.8	59.2	46.8	39.2	57.9
	SD	9.661	11.556	9.852	8.405	6.716	5.243	4.873	5.073	7.924	8.394	9.570	11.271	17.657
	TOT OBS	930	946	930	900	930	900	930	930	900	930	900	930	10953
ALL	MEAN	71.7	34.8	50.3	60.7	69.4	78.3	82.3	79.2	72.9	61.7	50.5	40.2	59.9
HOURS	SD	10.582	12.744	11.460	10.478	8.900	7.551	7.846	7.856	9.911	10.360	10.673	11.864	19.161
TOT OBS		7440	6768	7440	7200	7440	7194	7440	7440	7200	7440	7200	7440	87642

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 72340R STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87

HOURS LAST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	59.6	53.8	45.6	50.9	60.1	67.4	71.3	69.9	73.8	53.0	44.3	35.7	52.0
03-02	SD	9.357	11.236	9.297	8.185	7.003	5.573	3.596	4.496	7.785	8.947	10.323	11.397	16.386
	TOT OBS	930	846	930	930	930	930	930	930	930	930	930	930	10956
	MEAN	59.5	52.8	41.7	49.4	59.0	66.3	70.3	68.8	72.5	51.7	43.4	34.9	50.9
03-05	SD	9.221	11.252	9.520	6.272	7.222	5.830	4.090	4.690	7.972	7.299	10.155	11.560	16.427
	TOT OBS	930	846	930	930	930	930	930	930	930	930	930	930	10956
	MEAN	59.0	52.5	41.7	50.3	60.6	66.2	71.8	70.1	65.6	52.3	43.4	34.4	51.5
06-04	SD	9.482	11.434	9.707	8.472	7.219	5.513	3.946	4.606	7.913	9.240	10.135	11.511	17.124
	TOT OBS	929	846	930	930	930	930	930	930	930	930	930	930	10955
	MEAN	59.8	55.7	40.5	54.4	63.9	71.1	75.1	73.8	68.1	57.1	47.1	37.3	55.1
09-11	SD	6.966	11.897	9.826	8.648	7.177	5.406	3.747	4.140	7.198	8.172	9.740	11.542	17.213
	TOT OBS	927	846	930	930	930	930	930	930	930	930	930	930	10953
	MEAN	53.0	53.4	48.2	56.6	65.2	71.7	75.8	74.9	69.4	59.1	49.3	39.9	56.9
12-14	SD	10.315	12.023	9.788	8.498	6.959	5.233	3.595	3.945	7.003	7.983	9.549	11.740	16.578
	TOT OBS	929	846	930	930	930	930	930	930	930	930	930	930	10955
	MEAN	54.1	59.2	48.9	57.0	65.2	71.7	75.4	74.6	69.2	58.9	49.0	40.1	57.0
15-17	SD	10.131	11.908	9.514	8.205	6.740	5.243	3.469	3.959	6.792	7.910	9.367	11.497	16.249
	TOT OBS	930	846	930	930	930	930	930	930	930	930	930	930	10956
	MEAN	52.0	57.2	46.9	55.2	63.6	70.4	74.2	73.1	67.1	56.1	46.7	37.6	55.1
18-20	SD	9.569	11.386	9.371	8.114	6.760	5.029	3.596	4.136	7.279	8.180	9.322	11.170	16.415
	TOT OBS	930	846	930	930	930	897	930	930	930	930	930	930	10953
	MEAN	50.4	55.4	44.6	53.1	61.6	66.7	70.5	71.1	65.0	54.4	45.1	36.4	53.3
21-23	SD	9.470	11.047	9.270	8.104	6.532	5.303	3.704	4.291	7.617	8.472	9.590	11.216	16.364
	TOT OBS	930	846	930	930	930	897	930	930	930	930	930	930	10953
	MEAN	50.7	55.6	45.1	53.4	62.4	69.5	73.3	72.0	66.1	55.3	46.0	37.1	54.0
ALL	SD	9.910	11.759	9.692	8.747	7.336	5.719	4.244	4.825	7.865	8.967	9.985	11.675	16.750
HOURS/TOT OBS		7475	6768	7440	7440	7440	7194	7440	7440	7440	7440	7200	7440	87637

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES (DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 70340R STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-01	MEAN	29.6	29.6	30.3	40.4	56.8	64.2	68.5	67.6	61.4	49.3	40.2	31.2	48.3
	SD	11.455	12.710	10.602	9.507	8.393	6.797	4.729	5.106	6.603	10.199	11.733	13.386	17.825
	TOT OBS	930	846	930	970	930	900	430	930	900	930	900	930	10956
03-05	MEAN	23.7	24.6	37.3	45.2	56.2	63.6	67.9	67.0	60.3	48.5	39.6	30.6	47.5
	SD	11.293	12.956	10.702	9.674	8.429	6.912	4.774	5.227	6.708	10.357	11.843	13.589	17.916
	TOT OBS	930	846	930	970	930	900	930	930	900	930	900	930	10956
06-08	MEAN	23.2	24.4	37.3	45.7	57.2	64.6	68.9	67.9	61.1	49.3	39.6	30.2	47.9
	SD	11.040	13.111	10.909	9.975	8.442	6.633	4.545	5.123	6.697	10.381	11.655	13.650	18.423
	TOT OBS	929	846	930	970	930	900	930	930	900	930	900	930	10955
07-11	MEAN	24.6	30.3	38.9	47.5	55.3	65.3	70.3	69.6	63.2	50.7	41.5	31.8	49.5
	SD	12.296	13.682	11.501	10.706	9.097	7.478	4.654	4.985	8.683	10.746	11.933	14.128	16.569
	TOT OBS	907	846	930	900	930	900	930	930	900	930	900	930	10953
12-14	MEAN	26.1	21.7	40.1	48.2	58.3	64.3	69.5	69.4	62.7	50.3	41.9	33.0	49.8
	SD	12.635	13.712	11.646	10.716	9.193	7.806	4.921	5.307	9.263	11.468	12.192	14.631	16.113
	TOT OBS	905	846	930	900	930	900	930	930	900	930	900	930	10955
15-17	MEAN	30.6	32.4	40.2	48.1	58.0	64.3	68.7	68.9	62.3	49.9	41.7	33.5	49.6
	SD	12.522	13.557	11.647	10.713	9.267	7.883	5.101	5.462	9.069	11.616	12.009	14.447	17.756
	TOT OBS	970	846	930	970	930	900	930	930	900	930	900	930	10956
18-20	MEAN	26.2	22.2	40.5	48.3	58.1	64.4	69.0	69.1	62.8	50.5	41.5	32.8	49.7
	SD	11.953	13.721	11.622	10.079	8.862	7.261	5.040	5.229	8.507	10.551	11.329	13.588	17.605
	TOT OBS	970	846	930	970	930	897	930	930	900	930	900	930	10953
21-23	MEAN	25.0	30.9	39.7	47.9	57.7	64.7	69.0	68.4	62.0	50.0	40.7	31.8	49.1
	SD	11.611	12.594	11.613	9.676	8.534	6.046	4.720	5.011	8.567	10.115	11.344	13.318	17.711
	TOT OBS	930	846	930	900	930	897	930	930	900	930	900	930	10953
ALL	MEAN	25.2	30.5	39.0	47.2	57.6	64.5	69.0	68.5	62.0	49.8	40.8	31.9	48.9
	SD	11.989	13.249	11.169	10.158	8.812	7.274	4.863	5.253	8.833	10.712	11.611	13.897	18.012
	TOT OBS	7435	6768	7440	7200	7440	7199	7440	7440	7200	7440	7200	7440	87637



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723404 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 74-67  
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-01	100.0	100.0	100.0	99.8	96.1	86.6	69.1	38.4	10.4	75.3	930
	03-05	100.0	100.0	100.0	100.0	97.5	89.1	66.7	39.6	11.5	76.0	930
	06-08	100.0	100.0	100.0	99.9	97.2	87.3	66.4	40.7	13.6	76.2	929
	09-11	100.0	100.0	100.0	99.0	89.5	75.1	50.2	27.9	6.6	70.6	927
	12-14	100.0	99.9	99.4	92.6	78.0	54.0	35.7	19.9	6.7	64.7	929
	15-17	100.0	99.7	99.0	91.3	73.4	53.5	36.9	20.2	7.0	64.8	930
	18-20	100.0	100.0	99.8	95.6	91.8	76.9	54.6	29.8	10.0	71.7	930
	21-23	100.0	100.0	100.0	99.2	95.3	82.4	60.0	33.0	10.4	74.0	930
	TOTALS	100.0	100.0	99.8	97.5	90.5	76.7	54.6	31.7	9.8	71.7	7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 70340- STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: FEB

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-07	100.0	100.0	100.0	100.0	99.2	90.8	69.1	40.8	13.7	77.2	846
	08-05	100.0	100.0	100.0	99.9	99.5	91.9	70.9	43.7	13.9	77.7	846
	06-08	100.0	100.0	100.0	100.0	99.4	92.6	73.8	44.4	16.7	78.2	846
	09-11	100.0	100.0	99.9	99.4	91.6	76.2	54.7	30.9	10.9	72.0	846
	12-14	100.0	100.0	99.9	94.3	79.7	61.1	41.4	24.9	8.5	66.4	846
	15-17	100.0	100.0	99.3	92.4	78.6	59.0	39.6	22.9	8.9	65.6	846
	18-20	100.0	100.0	99.9	98.9	95.2	77.4	58.2	33.9	12.8	73.6	846
	21-23	100.0	100.0	100.0	100.0	97.4	87.5	65.7	37.5	14.9	75.9	846
	TOTALS	100.0	100.0	99.9	99.1	92.6	79.9	59.2	34.8	12.5	73.3	6768

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723404 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 79-87  
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-05	100.0	100.0	100.0	99.7	97.8	83.2	54.4	27.4	8.6	73.2	930
	06-11	100.0	100.0	100.0	99.8	97.8	87.5	64.1	33.7	10.2	75.1	930
	12-17	100.0	100.0	100.0	99.9	97.0	85.5	64.6	34.1	10.0	74.9	930
	18-23	100.0	100.0	99.7	94.0	77.8	57.3	36.5	20.4	6.6	64.9	930
	24-29	100.0	100.0	96.6	80.2	58.9	40.7	27.1	14.3	4.0	58.1	930
	30-31	100.0	100.0	93.9	75.4	54.5	39.6	26.2	12.5	3.9	56.2	930
	01-05	100.0	100.0	99.8	97.6	78.1	59.8	37.5	16.5	5.8	64.9	930
	06-10	100.0	100.0	100.0	99.9	93.2	76.7	52.8	24.4	6.9	71.0	930
	TOTALS	100.0	100.0	98.6	90.8	81.9	66.7	45.9	22.8	7.0	67.3	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723404 STATION NAME: PLYTHELVILLE AFB AR

PERIOD OF RECORD: 76-87  
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.6	95.6	80.0	57.8	27.1	9.2	72.2	900
	03-05	100.0	100.0	100.0	100.0	98.4	86.0	61.8	27.9	6.0	74.2	900
	06-08	100.0	100.0	100.0	100.0	95.9	79.4	55.2	25.0	6.1	72.0	900
	09-11	100.0	100.0	99.7	91.8	71.6	46.2	27.2	11.9	1.6	60.7	900
	12-14	100.0	99.9	95.1	76.1	52.7	33.1	20.1	7.9	.9	54.3	900
	15-17	100.0	99.6	91.9	72.0	45.0	30.1	17.6	7.7	1.7	52.4	900
	18-20	100.0	100.0	98.0	89.7	72.8	47.7	27.2	11.9	2.1	62.6	900
	21-23	100.0	100.0	100.0	99.1	91.8	70.1	42.4	21.4	5.7	68.8	900
	TOTALS	100.0	99.9	98.1	91.0	78.0	59.1	39.0	17.6	4.4	64.4	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM FOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723403 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOT/L NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-07	100.0	100.0	100.0	100.0	99.2	90.5	68.7	38.8	12.6	76.8	930
	08-05	100.0	100.0	100.0	100.0	99.7	96.6	80.7	48.0	17.4	79.9	930
	06-08	100.0	100.0	100.0	100.0	98.1	89.1	67.4	36.3	10.2	75.9	930
	09-11	100.0	100.0	99.0	97.4	80.9	56.2	34.3	15.2	2.7	63.7	930
	12-14	100.0	100.0	97.1	86.2	61.3	38.3	22.2	8.7	1.3	57.0	930
	15-17	100.0	100.0	94.7	81.2	58.6	35.2	20.2	9.0	1.5	55.7	930
	18-20	100.0	100.0	98.7	92.3	78.4	57.7	35.2	18.5	5.2	64.1	930
	21-23	100.0	100.0	100.0	98.9	94.1	81.8	54.9	28.8	8.0	72.5	930
	TOTALS	100.0	100.0	98.7	94.0	83.8	68.1	47.9	25.4	7.4	68.2	7440

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723408 STATION NAME: RLYTLEVILLE AFB AR

PERIOD OF RECORD: 78-87  
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-01	100.0	100.0	100.0	100.0	98.0	92.3	86.4	31.6	6.9	75.4	901
	03-05	100.0	100.0	100.0	100.0	99.6	95.2	83.9	44.3	10.8	73.9	901
	06-08	100.0	100.0	100.0	99.9	97.6	84.2	65.0	26.2	3.8	72.8	901
	09-11	100.0	100.0	99.0	92.0	72.4	41.9	22.7	6.9	.3	58.9	901
	12-14	100.0	99.9	96.3	77.4	45.3	26.1	12.2	4.7	1.0	52.1	901
	15-17	100.0	99.4	95.9	73.1	42.0	24.1	11.1	6.0	.7	50.8	901
	18-20	100.0	100.0	98.6	85.2	67.9	39.9	22.0	9.6	1.3	58.6	897
	21-23	100.0	100.0	100.0	99.2	94.5	77.4	45.2	19.8	4.0	69.7	897
TOTALS		100.0	99.9	98.7	91.5	77.2	60.1	40.5	18.5	3.6	64.7	7194

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723400 STATION NAME: PLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-F6  
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS
JUL	00-07	100.0	100.0	100.0	99.9	98.1	90.9	73.3	38.5	8.8	76.5	931
	08-05	100.0	100.0	100.0	100.0	99.7	99.5	85.2	51.7	14.2	80.0	931
	06-08	100.0	100.0	100.0	100.0	98.7	90.9	69.2	32.8	8.2	75.2	931
	09-11	100.0	100.0	100.0	96.2	82.8	50.5	21.2	6.6	1.0	61.4	931
	12-14	100.0	100.0	97.5	84.0	55.5	24.5	8.8	3.0	.3	52.9	931
	15-17	100.0	99.9	95.5	79.1	48.8	22.5	10.1	2.3	.4	51.4	931
	18-20	100.0	100.0	98.5	91.5	75.4	48.4	26.1	9.0	1.5	60.5	931
	21-23	100.0	100.0	100.0	99.1	94.0	79.5	55.1	23.9	4.0	71.1	931
	TOTALS	100.0	100.0	98.9	93.7	81.6	63.1	43.5	21.0	4.8	66.1	7440

GLOBAL CLIMATOLOGY BRANCH  
USAF/PTAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 773403 STATION NAME: BUTTEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: AUG

MONTH	HOURS (LEST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM	[OBS]
AUG	1-31	100.0	100.0	100.0	100.0	100.0	98.1	86.6	59.0	17.4	81.6	931	
	1-11	100.0	100.0	100.0	100.0	100.0	99.1	92.6	71.3	26.7	84.6	931	
	12-22	100.0	100.0	100.0	100.0	99.9	96.9	85.2	66.1	17.3	81.3	931	
	23-31	100.0	100.0	100.0	99.4	97.9	86.6	35.5	14.1	3.7	66.8	931	
	1-11	100.0	100.0	99.6	97.4	85.1	38.7	17.7	7.1	1.4	57.7	931	
	12-19	100.0	100.0	99.0	87.5	62.0	36.6	17.7	5.9	1.2	56.5	931	
	20-31	100.0	100.0	99.5	96.3	89.4	67.1	43.2	20.1	3.4	67.7	931	
	1-27	100.0	100.0	100.0	100.0	99.9	93.7	70.4	42.6	10.1	77.3	931	
	28-31	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	931	
	TOTALS	100.0	100.0	99.8	97.7	88.4	74.5	56.2	34.9	10.2	71.7	7441	



GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 70340 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-07	100.0	100.0	100.0	100.0	99.9	97.8	83.8	54.7	12.7	57.8	900
	08-15	100.0	100.0	100.0	100.0	100.0	99.2	90.6	60.6	19.1	82.9	900
	16-23	100.0	100.0	100.0	100.0	99.8	97.4	84.8	53.4	17.0	80.9	900
	24-31	100.0	100.0	99.7	96.1	86.0	60.9	33.8	13.7	3.8	64.9	900
	1-14	100.0	100.0	97.8	84.4	59.3	31.3	15.1	7.9	1.2	55.7	900
	15-27	100.0	100.0	96.9	87.3	57.7	29.7	15.0	6.2	1.1	54.6	900
	28-30	100.0	100.0	100.0	98.2	91.6	70.7	47.9	19.2	1.4	69.7	900
	31-03	100.0	100.0	100.0	100.0	99.3	91.2	73.9	39.8	5.6	76.5	900
	TOTALS	100.0	100.0	99.3	95.3	86.7	72.4	55.6	31.9	7.7	70.6	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723403 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM	OBS
OCT	00-02	100.0	100.0	100.0	99.8	95.7	89.5	69.5	36.9	10.5	76.3	930	
	03-05	100.0	100.0	100.0	99.9	99.5	94.8	77.1	43.7	17.2	78.6	930	
	06-08	100.0	100.0	100.0	99.8	98.8	93.7	73.1	42.0	13.9	79.1	930	
	09-11	100.0	100.0	98.8	90.0	72.5	50.6	32.0	16.6	4.3	62.5	930	
	12-14	100.0	99.6	92.3	69.2	46.3	29.8	19.2	10.7	2.2	52.6	930	
	15-17	100.0	99.5	90.1	68.6	47.2	30.6	19.7	11.1	2.7	52.6	930	
	18-20	100.0	100.0	99.5	95.7	83.4	60.0	35.7	20.9	5.6	66.0	930	
	21-23	100.0	100.0	99.9	95.8	96.2	80.9	53.5	27.2	7.6	72.4	930	
	TOTALS	100.0	99.9	97.6	90.5	80.3	66.2	47.5	26.7	7.7	67.4	7440	

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BLVINEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. OCT 87

4/4

UNCLASSIFIED

USAFETAC/DS-87-064

F/G 4/2

NL





MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723405 STATION NAME: GLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	OBS
NOV	00-02	100.0	100.0	100.0	100.0	97.1	88.1	67.1	36.4	12.2	76.1	900	
	03-05	100.0	100.0	100.0	100.0	98.4	91.0	73.3	41.6	11.3	77.4	900	
	06-08	100.0	100.0	100.0	100.0	99.3	91.8	75.2	44.1	12.4	78.2	900	
	09-11	100.0	100.0	99.8	95.6	85.2	68.3	48.1	26.9	7.9	69.1	900	
	12-14	100.0	99.8	96.4	84.7	67.6	47.9	34.2	19.8	5.2	61.4	900	
	15-17	100.0	99.8	96.9	85.3	70.2	49.3	34.4	20.6	5.9	62.0	900	
	18-20	100.0	100.0	99.6	98.6	90.4	73.4	50.9	28.7	7.6	70.8	900	
	21-23	100.0	100.0	100.0	99.6	95.9	83.6	60.0	33.0	9.4	74.3	900	
TOTALS		100.0	100.0	99.1	95.5	88.0	74.2	55.4	31.4	9.0	71.2	7200	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723409 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-86  
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	98.7	88.7	66.0	38.5	13.4	76.2	930
	03-05	100.0	100.0	100.0	100.0	99.1	91.1	72.2	40.3	13.4	77.2	930
	06-08	100.0	100.0	100.0	100.0	98.7	91.7	71.6	43.0	15.6	77.9	930
	09-11	100.0	100.0	100.0	99.0	94.3	76.1	50.0	28.2	11.1	71.6	930
	12-14	100.0	100.0	99.6	94.8	81.0	56.3	34.7	20.8	8.5	65.3	930
	15-17	100.0	100.0	99.6	95.6	82.2	59.7	38.7	22.9	9.8	66.6	930
	18-20	100.0	100.0	100.0	95.6	94.6	81.2	57.3	34.3	13.1	73.8	930
	21-23	100.0	100.0	100.0	99.8	97.2	85.7	62.5	35.4	14.3	75.2	930
	TOTALS	100.0	100.0	99.9	98.6	93.2	78.9	56.6	32.9	12.4	73.0	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 723408 STATION NAME: BLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87  
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NOB OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.8	97.5	90.5	76.7	54.6	31.2	9.8	71.7	7435
FEB		100.0	100.0	99.9	98.1	92.6	79.8	59.2	34.8	12.5	73.3	6768
MAR		100.0	100.0	98.8	92.8	61.9	66.3	45.9	22.8	7.0	67.3	7440
APR		100.0	99.9	98.1	91.0	78.0	59.1	38.0	17.6	4.4	64.4	7200
MAY		100.0	100.0	98.7	94.0	83.8	68.1	47.9	25.4	7.4	68.2	7440
JUN		100.0	99.9	98.7	91.5	77.2	60.1	40.5	18.5	3.6	64.7	7194
JUL		100.0	100.0	98.9	93.7	81.6	63.1	43.5	21.0	4.8	66.1	7440
AUG		100.0	100.0	99.8	97.5	88.4	74.5	56.2	34.9	10.2	71.7	7440
SEP		100.0	100.0	99.3	95.3	86.7	72.4	55.6	31.9	7.7	70.6	7200
OCT		100.0	99.9	97.6	90.5	80.3	66.2	47.5	26.3	7.3	67.4	7440
NOV		100.0	100.0	99.1	95.5	88.0	74.2	55.4	31.4	9.0	71.2	7200
DEC		100.0	100.0	99.9	98.6	93.2	78.8	56.6	32.9	12.4	73.0	7440
TOTALS		100.0	100.0	99.1	94.7	85.2	69.9	50.1	27.4	8.0	69.1	87637

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RH	TT	FF



PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 723403 STATION NAME: RHYTTEVILLE AFR AR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.872	29.831	29.729	29.688	29.672	29.696	29.721	29.737	29.764	29.793	29.811	29.864	29.765
	SD	.221	.229	.227	.174	.125	.097	.077	.081	.118	.143	.194	.244	.183
	TOT OBS	310	262	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.873	29.822	29.724	29.681	29.663	29.692	29.714	29.729	29.761	29.791	29.808	29.864	29.760
	SD	.220	.235	.230	.177	.129	.099	.081	.082	.118	.146	.199	.246	.186
	TOT OBS	310	262	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.881	29.835	29.746	29.707	29.694	29.721	29.744	29.758	29.788	29.813	29.822	29.873	29.782
	SD	.222	.238	.234	.182	.133	.102	.083	.085	.122	.149	.203	.244	.186
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.917	29.866	29.777	29.732	29.714	29.740	29.765	29.780	29.813	29.843	29.852	29.906	29.809
	SD	.225	.243	.239	.186	.136	.103	.082	.084	.124	.152	.204	.248	.190
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.892	29.857	29.761	29.717	29.698	29.721	29.748	29.762	29.789	29.813	29.823	29.879	29.788
	SD	.226	.242	.235	.180	.131	.098	.081	.082	.122	.149	.200	.246	.187
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.850	29.808	29.710	29.666	29.655	29.678	29.701	29.715	29.738	29.768	29.783	29.841	29.743
	SD	.225	.236	.229	.175	.126	.096	.091	.082	.120	.148	.195	.246	.185
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.863	29.814	29.707	29.656	29.641	29.662	29.686	29.702	29.735	29.773	29.796	29.854	29.740
	SD	.222	.226	.225	.171	.123	.094	.080	.080	.119	.146	.191	.244	.185
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
21	MEAN	29.876	29.830	29.730	29.683	29.670	29.693	29.717	29.736	29.764	29.795	29.811	29.868	29.764
	SD	.221	.224	.224	.173	.121	.095	.077	.080	.120	.146	.192	.240	.182
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
ALL	MEAN	29.878	29.833	29.735	29.691	29.676	29.700	29.724	29.740	29.769	29.799	29.813	29.868	29.769
	SD	.223	.234	.231	.179	.130	.100	.084	.085	.123	.149	.198	.245	.187
HOURS	TOT OBS	2480	2256	2480	2400	2460	2398	2480	2480	2400	2400	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH  
USAF/FLTC  
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HGS FROM  
FOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 723409 STATION NAME: RLYTHEVILLE AFB AR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	1021.4	1019.9	1016.3	1014.8	1014.2	1014.8	1015.6	1016.2	1017.2	1018.3	1019.1	1021.0	1017.4
	SD	7.660	7.956	7.775	5.937	4.251	3.267	2.630	2.740	4.062	4.953	6.716	8.500	6.361
	TOT OPS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1021.4	1019.7	1016.4	1014.5	1013.8	1014.7	1015.4	1015.9	1017.1	1018.3	1019.0	1021.1	1017.3
	SD	7.654	8.172	7.911	6.072	4.408	3.341	2.708	2.782	4.074	5.041	6.887	8.541	6.481
	TOT OPS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1021.7	1020.1	1016.9	1015.5	1014.9	1015.7	1016.4	1016.4	1018.0	1019.1	1019.5	1021.4	1018.0
	SD	7.717	8.296	8.167	6.224	4.526	3.449	2.791	2.841	4.215	5.167	7.021	8.484	6.469
	TOT OPS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1023.0	1021.2	1018.0	1016.3	1015.6	1016.3	1017.1	1017.6	1018.9	1020.1	1020.6	1022.6	1018.9
	SD	7.839	8.458	8.241	6.351	4.613	3.394	2.782	2.852	4.285	5.278	7.052	8.644	6.629
	TOT OPS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1022.1	1020.8	1017.4	1015.8	1015.0	1015.7	1016.5	1017.0	1018.1	1019.0	1019.5	1021.6	1018.2
	SD	7.877	8.397	8.130	6.140	4.473	3.315	2.726	2.788	4.205	5.180	6.926	8.599	6.515
	TOT OPS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1020.7	1019.1	1015.7	1014.1	1013.6	1014.2	1014.9	1015.4	1016.3	1017.5	1018.1	1020.3	1016.7
	SD	7.820	8.170	7.863	5.958	4.285	3.255	2.741	2.786	4.144	5.107	6.709	8.529	6.412
	TOT OPS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1021.1	1019.4	1015.6	1013.7	1013.1	1013.7	1014.5	1015.0	1016.2	1017.7	1018.6	1020.8	1016.6
	SD	7.731	7.846	7.736	5.844	4.161	3.181	2.721	2.713	4.100	5.042	6.600	8.444	6.455
	TOT OPS	310	282	310	300	310	299	310	310	300	310	300	310	3651
21	MEAN	1021.6	1019.9	1016.3	1014.7	1014.1	1014.7	1015.5	1016.2	1017.2	1018.5	1019.1	1021.3	1017.4
	SD	7.679	7.780	7.657	5.911	4.183	3.225	2.597	2.728	4.149	5.055	6.653	8.286	6.343
	TOT OPS	310	282	310	300	310	299	310	310	300	310	300	310	3651
ALL	MEAN	1021.6	1020.0	1016.5	1014.9	1014.3	1015.0	1015.7	1016.3	1017.4	1018.6	1019.2	1021.2	1017.6
	SD	7.764	8.153	7.953	6.103	4.422	3.392	2.828	2.889	4.234	5.156	6.845	8.515	6.500
HOURS	TOT OPS	2490	2256	2490	2400	2490	2398	2490	2490	2450	2480	2400	2480	29214

END

DATE  
FILMED

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